

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 25, 2004, 09:28:35 ; Search time 22 Seconds

(without alignments)
 711.030 Million cell updates/sec

Title: US-10-047-021-86

Perfect score: 303

Sequence: 1 MGSGGDSLIGRGGSPLILN.....SGPRLPBARELRGQRRTNG 303

Scoring table: OLIGO

Gappen 60.0 , Gapext 60.0

Searched: 389414 seqs, 51625971 residues

Word size : 0

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 1000 summaries

Database : Issued_Patents_AA:*

1: /cn2_6/pdata/2/iaa/5A_COMB.DBD:*

2: /gn2_6/pdata/2/iaa/5B_COMB.DBD:*

3: /cn2_6/pdata/2/iaa/6A_COMB.DBD:*

4: /cn2_6/pdata/2/iaa/6B_COMB.DBD:*

5: /gn2_6/pdata/2/iaa/PCITS_COMB.DBD:*

6: /gn2_6/pdata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	10	3.3	1209	4	US-09-130-158A-2
2	8	2.6	613	4	US-09-621-9729-82
3	8	2.6	613	4	US-09-621-9729-98
4	8	2.6	1501	2	US-08-44-464-3
5	8	2.6	1501	2	US-08-716-679-3
6	8	2.6	287	4	US-09-800-729-114
7	8	2.6	287	4	US-09-800-729-153
8	8	2.6	330	4	US-09-61-1924-284
9	8	2.6	613	4	US-09-800-729-82
10	8	2.6	1501	2	US-08-44-464-3
11	8	2.6	1911	1	US-08-348-0063-5
12	8	2.6	1911	2	US-08-800-825A-5
13	8	2.6	1911	3	US-09-15-657-5
14	8	2.6	1911	5	PCT-US94-10166-5
15	8	2.6	15	5	PCT-US93-06751-29
16	7	2.3	57	2	US-08-318-837-50
17	7	2.3	66	4	US-09-540-236-2630
18	7	2.3	66	4	US-09-246-5003-14
19	7	2.3	77	3	US-09-621-976-4010
20	7	2.3	77	4	US-09-858-664A-23
21	7	2.3	94	4	US-10-274-978-24
22	7	2.3	94	4	US-09-858-664A-30
23	7	2.3	119	4	US-10-274-978-31
24	7	2.3	119	4	US-08-274-852-142
25	7	2.3	126	1	US-08-428-926-3
26	7	2.3	126	1	US-08-899-575-142
27	7	2.3	99	7	US-08-249-322A-170

Result No.	Score	Query Match	Length	DB ID	Description
1	10	3.3	1209	4	US-09-130-158A-2
2	8	2.6	613	4	US-09-621-9729-82
3	8	2.6	613	4	US-09-621-9729-98
4	8	2.6	1501	2	US-08-44-464-3
5	8	2.6	1501	2	US-08-716-679-3
6	8	2.6	287	4	US-09-800-729-114
7	8	2.6	287	4	US-09-800-729-153
8	8	2.6	330	4	US-09-61-1924-284
9	8	2.6	613	4	US-09-800-729-82
10	8	2.6	1501	2	US-08-44-464-3
11	8	2.6	1911	1	US-08-348-0063-5
12	8	2.6	1911	2	US-08-800-825A-5
13	8	2.6	1911	3	US-09-15-657-5
14	8	2.6	1911	5	PCT-US94-10166-5
15	8	2.6	15	5	PCT-US93-06751-29
16	7	2.3	57	2	US-08-318-837-50
17	7	2.3	66	4	US-09-540-236-2630
18	7	2.3	66	4	US-09-246-5003-14
19	7	2.3	77	3	US-09-621-976-4010
20	7	2.3	77	4	US-09-858-664A-23
21	7	2.3	94	4	US-10-274-978-24
22	7	2.3	94	4	US-09-858-664A-30
23	7	2.3	119	4	US-10-274-978-31
24	7	2.3	119	4	US-08-274-852-142
25	7	2.3	126	1	US-08-428-926-3
26	7	2.3	126	1	US-08-899-575-142
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3	8	2.6	613	4	US-09-621-9729-98
4	8	2.6	1501	2	US-08-44-464-3
5	8	2.6	1501	2	US-08-716-679-3
6	8	2.6	287	4	US-09-800-729-114
7	8	2.6	287	4	US-09-800-729-153
8	8	2.6	330	4	US-09-61-1924-284
9	8	2.6	613	4	US-09-800-729-82
10	8	2.6	1501	2	US-08-44-464-3
11	8	2.6	1911	1	US-08-348-0063-5
12	8	2.6	1911	2	US-08-800-825A-5
13	8	2.6	1911	3	US-09-15-657-5
14	8	2.6	1911	5	PCT-US94-10166-5
15	8	2.6	15	5	PCT-US93-06751-29
16	7	2.3	57	2	US-08-318-837-50
17	7	2.3	66	4	US-09-540-236-2630
18	7	2.3	66	4	US-09-246-5003-14
19	7	2.3	77	3	US-09-621-976-4010
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21	7	2.3	94	4	US-10-274-978-24
22	7	2.3	94	4	US-09-858-664A-30
23	7	2.3	119	4	US-10-274-978-31
24	7	2.3	119	4	US-08-274-852-142
25	7	2.3	126	1	US-08-428-926-3
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3	8	2.6	613	4	US-09-621-9729-98
4	8	2.6	1501	2	US-08-44-464-3
5	8	2.6	1501	2	US-08-716-679-3
6	8	2.6	287	4	US-09-800-729-114
7	8	2.6	287	4	US-09-800-729-153
8	8	2.6	330	4	US-09-61-1924-284
9	8	2.6	613	4	US-09-800-729-82
10	8	2.6	1501	2	US-08-44-464-3
11	8	2.6	1911	1	US-08-348-0063-5
12	8	2.6	1911	2	US-08-800-825A-5
13	8	2.6	1911	3	US-09-15-657-5
14	8	2.6	1911	5	PCT-US94-10166-5
15	8	2.6	15	5	PCT-US93-06751-29
16	7	2.3	57	2	US-08-318-837-50
17	7	2.3	66	4	US-09-540-236-2630
18	7	2.3	66	4	US-09-246-5003-14
19	7	2.3	77	3	US-09-621-976-4010
20	7	2.3	77	4	US-09-858-664A-23
21	7	2.3	94	4	US-10-274-978-24
22	7	2.3	94	4	US-10-274-978-31
23	7	2.3	119	4	US-10-274-978-31
24	7	2.3	119	4	US-08-274-852-142
25	7	2.3	126	1	US-08-428-926-3
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2	8	2.6	613	4	US-09-621-9729-82
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4	8	2.6	1501	2	US-08-44-464-3
5	8	2.6	1501	2	US-08-716-679-3
6	8	2.6	287	4	US-09-800-729-114
7	8	2.6	287	4	US-09-800-729-153
8	8	2.6	330	4	US-09-61-1924-284
9	8	2.6	613	4	US-09-800-729-82
10	8	2.6	1501	2	US-08-44-464-3
11	8	2.6	1911	1	US-08-348-0063-5
12	8	2.6	1911	2	US-08-800-825A-5
13	8	2.6	1911	3	US-09-15-657-5
14	8	2.6	1911	5	PCT-US94-10166-5
15	8	2.6	15	5	PCT-US93-06751-29
16	7	2.3	57	2	US-08-318-837-50
17	7	2.3	66	4	US-09-540-236-2630
18	7	2.3	66	4	US-09-246-5003-14
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21	7	2.3	94	4	US-10-274-978-24
22	7	2.3	94	4	US-10-274-978-31
23	7	2.3	119	4	US-10-274-978-31
24	7	2.3	119	4	US-08-274-852-142
25	7	2.3	126	1	US-08-428-926-3
26	7	2.3	126	1	US-08-899-575-142
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6	8	2.6	287	4	US-09-800-729-114
7	8	2.6	287	4	US-09-800-729-153
8	8	2.6	330	4	US-09-61-1924-284
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16	7	2.3	57	2	US-08-318-837-50
17	7	2.3	66	4	US-09-540-236-2630
18	7	2.3	66	4	US-09-246-5003-14
19	7	2.3	77	3	US-09-621-976-4010
20	7	2.3	77	4	US-09-858-664A-23
21	7	2.3	94	4	US-10-274-978-24
22	7	2.3	94	4	US-10-274-978-31
23	7	2.3	119	4	US-10-274-978-31
24	7	2.3	119	4	US-08-274-852-142
25	7	2.3	126	1	US-08-428-926-3
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102	US-08-339-511-3	Sequence 3, App1
103	US-08-169-522A-1170	Sequence 170, App
104	US-08-731-591A-170	Sequence 170, App
105	US-08-449-660A-1170	Sequence 170, App
106	US-08-321-018-72	Sequence 72, App1
107	US-08-470-335-170	Sequence 170, App
108	US-08-735-021-170	Sequence 170, App
109	US-08-774-665A-170	Sequence 170, App
110	US-08-470-339-170	Sequence 170, App
111	US-09-071-224-2	Sequence 2, App1
112	US-08-447-602-170	Sequence 170, App
113	US-08-467-602-324	Sequence 324, App
114	US-09-866-028-32	Sequence 32, App1
115	PCT-US94-05083C-166	Sequence 166, App
116	PCT-US94-05083C-185	Sequence 185, App
117	PCT-US95-0684A-170	Sequence 170, App
118	US-08-410-335-226	Sequence 226, App
119	US-08-457-602-320	Sequence 320, App
120	US-09-488-192-2	Sequence 2, App1
121	US-09-705-448-3	Sequence 3, App1
122	US-09-012-072-4	Sequence 4, App1
123	US-09-120-601-4	Sequence 4, App1
124	US-08-974-691-6	Sequence 6, App1
125	US-08-467-602-328	Sequence 328, App
126	US-09-120-601-6	Sequence 6, App1
127	US-09-232-991A-17248	Sequence 17248, A
128	US-08-974-691-2	Sequence 2, App1
129	US-09-532-856-6	Sequence 6, App1
130	US-09-524-100C-6	Sequence 6, App1
131	US-08-410-335-246	Sequence 246, App
132	US-08-467-601-03	Sequence 303, App
133	US-08-467-602-366	Sequence 366, App
134	US-09-222-991A-33127	Sequence 30327, A
135	US-09-532-856-6	Sequence 239, App
136	US-08-467-602-299	Sequence 299, App
137	US-08-457-602-362	Sequence 362, App
138	US-09-907-791A-285	Sequence 285, App
139	US-09-905-122A-285	Sequence 285, App
140	US-09-902-772A-285	Sequence 285, App
141	US-08-467-602-307	Sequence 307, App
142	US-08-467-602-299	Sequence 370, App
143	US-09-222-991A-31536	Sequence 31536, A
144	US-09-923-454A-18	Sequence 18, App1
145	US-09-905-122A-285	Sequence 2, App1
146	US-08-001-711-2	Sequence 22, App1
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148	US-09-521-220-22	Sequence 22, App1
149	US-09-391-101-31	Sequence 31, App1
150	US-08-448-489-11	Sequence 11, App1
151	US-08-467-602-345	Sequence 345, App
152	US-09-134-000C-6176	Sequence 6176, App
153	US-08-451-586-10	Sequence 4, App1
154	US-08-001-711-4	Sequence 4, App1
155	US-08-447-602-341	Sequence 341, App1
156	US-08-622-191-2	Sequence 2, App1
157	US-08-467-602-349	Sequence 349, App
158	US-09-251-991A-19788	Sequence 19788, A
159	US-08-445-586-13	Sequence 10, App1
160	US-08-444-493-13	Sequence 13, App1
161	US-08-448-494-13	Sequence 13, App1
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163	US-09-249-001-13	Sequence 13, App1
164	US-09-685-843-13	Sequence 13, App1
165	US-09-600-991-4	Sequence 4, App1
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167	US-09-866-028-69	Sequence 69, App1
168	US-08-447-602-320	Sequence 233, App
169	US-08-467-602-323	Sequence 323, App
170	US-08-440-335-227	Sequence 227, App
171	US-08-467-602-318	Sequence 318, App
172	US-08-470-335-236	Sequence 332, App
173	US-08-470-335-241	Sequence 241, App
174	US-08-428-298-3	Sequence 3, App1
422	US-08-339-511-3	Sequence 3, App1
423	US-08-169-522A-1170	Sequence 170, App
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425	US-08-449-660A-1170	Sequence 170, App
426	US-08-321-018-72	Sequence 72, App1
427	US-08-470-335-170	Sequence 170, App
428	US-08-735-021-170	Sequence 170, App
429	US-08-774-665A-170	Sequence 170, App
430	US-08-470-339-170	Sequence 170, App
431	US-09-071-224-2	Sequence 2, App1
432	US-08-447-602-170	Sequence 170, App
433	US-08-467-602-324	Sequence 324, App
434	US-09-866-028-32	Sequence 32, App1
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436	PCT-US94-05083C-185	Sequence 185, App
437	PCT-US95-0684A-170	Sequence 170, App
438	US-08-410-335-226	Sequence 226, App
439	US-08-457-602-320	Sequence 320, App
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441	US-09-070-448-3	Sequence 3, App1
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444	US-08-974-691-6	Sequence 6, App1
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446	US-09-120-601-6	Sequence 6, App1
447	US-09-232-991A-17248	Sequence 17248, A
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451	US-08-457-602-346	Sequence 246, App
452	US-08-467-601-03	Sequence 303, App
453	US-08-467-602-366	Sequence 366, App
454	US-09-222-991A-33127	Sequence 30327, A
455	US-09-532-856-6	Sequence 239, App
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457	US-08-467-601-03	Sequence 303, App
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459	US-08-467-602-299	Sequence 299, App
460	US-08-457-602-362	Sequence 362, App
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462	US-09-905-122A-285	Sequence 285, App
463	US-09-902-772A-285	Sequence 285, App
464	US-08-467-602-307	Sequence 307, App
465	US-08-467-602-299	Sequence 370, App
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467	US-09-905-122A-285	Sequence 2, App1
468	US-08-001-711-2	Sequence 22, App1
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509	US-09-866-028-69	Sequence 69, App1
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511	US-08-447-602-333	Sequence 333, App
512	US-08-447-602-334	Sequence 341, App
513	US-08-467-602-345	Sequence 345, App
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515	US-09-685-843-13	Sequence 13, App1
516	US-09-191-600-991-4	Sequence 10, App1
517	US-08-444-493-13	Sequence 13, App1
518	US-08-983-385-7	Sequence 13, App1
519	US-09-866-028-69	Sequence 69, App1
520	US-08-345-212-13	Sequence 13, App1
521	US-09-249-001-13	Sequence 13, App1
522	US-08-448-489-11	Sequence 13, App1
523	US-08-467-602-349	Sequence 349, App
524	US-09-125-991A-19788	Sequence 19788, A
525	US-09-685-843-13	Sequence 13, App1
526	US-09-191-600-991-4	Sequence 10, App1
527	US-08-444-493-13	Sequence 13, App1
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544	US-09-125-991A-19788	Sequence 19788, A
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547	US-08-444-493-13	Sequence 13, App1
548	US-08-983-385-7	Sequence 13, App1
549	US-09-866-028-69	Sequence 69, App1
550	US-08-345-212-13	Sequence 13, App1
551	US-09-249-001-13	Sequence 13, App1
552	US-08-448-489-11	Sequence 13, App1
553	US-08-467-602-345	Sequence 345, App
554	US-09-125-991A-19788	Sequence 19788, A
555	US-09-685-843-13	Sequence 13, App1
556	US-09-191-600-991-4	Sequence 10, App1
557	US-08-444-493-13	Sequence 13, App1
558	US-08-983-385-7	Sequence 13, App1
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562	US-08-448-489-11	Sequence 13, App1
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564	US-09-125-991A-19788	Sequence 19788, A
565	US-09-685-843-13	Sequence 13, App1
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568	US-08-983-385-7	Sequence 13, App1
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573	US-08-467-602-345	Sequence 345, App
574	US-09-125-991A-19788	Sequence 19788, A
575	US-09-685-843-13	Sequence 13, App1
576	US-09-191-600-991-4	Sequence 10, App1
577	US-08-444-493-13	Sequence 13, App1
578	US-08-983-385-7	Sequence 13, App1
579	US-09-866-028-69	Sequence 69, App1
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581	US-09-249-001-13	Sequence 13, App1
582	US-08-448-489-11	Sequence 13, App1
583	US-08-467-602-345	Sequence 345, App
584	US-09-125-991A-19788	Sequence 19788, A
585	US-09-685-843-13	Sequence 13, App1
586	US-09-191-600-991-4	Sequence 10, App1
587	US-08-444-493-13	Sequence 13, App1
588	US-08-983-385-7	Sequence 13, App1
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591	US-09-249-001-13	Sequence 13, App1
592	US-08-448-489-11	Sequence 13, App1
593	US-08-467-602-345	Sequence 345, App
594	US-09-125-991A-19788	Sequence 19788, A
595	US-09-685-843-13	Sequence 13, App1
596	US-09-191-600-991-4	Sequence 10, App1
597	US-08-444-493-13	Sequence 13, App1
598	US-08-983-385-7	Sequence 13, App1
599	US-09-866-028-69	Sequence 69, App1
600	US-08-345-212-13	Sequence 13, App1
601	US-09-249-001-13	Sequence 13, App1
602	US-08-448-489-11	Sequence 13, App1
603	US-08-467-602-345	Sequence 345, App
604	US-09-125-991A-19788	Sequence 19788, A
605	US-09-685-843-13	Sequence 13, App1
606	US-09-191-600-991-4	Sequence 10, App1
607	US-08-444-493-13	Sequence 13, App1
608	US-08-983-385-7	Sequence 13, App1
609	US-09-866-028-69	Sequence 69, App1
610	US-08-345-212-13	Sequence 13, App1
611	US-09-249-001-13	Sequence 13, App1
612	US-08-448-489-11	Sequence 13, App1
613	US-08-467-602-345	Sequence 345, App
614	US-09-125-991A-19788	Sequence 19788, A
615	US-09-685-843-13	Sequence 13, App1
616	US-09-191-600-991-4	Sequence 10, App1
617	US-08-444-493-13	Sequence 13, App1
618	US-08-983-385-7	Sequence 13, App1
619	US-09-866-028-69	Sequence

247	7	855	4	US-08-467-602-298	Sequence 298, App
248	7	855	4	US-08-467-603-361	Sequence 361, App
249	7	861	3	US-08-470-315-251	Sequence 251, App
250	7	861	4	US-08-467-602-312	Sequence 312, App
251	7	861	4	US-08-467-602-375	Sequence 375, App
252	7	864	3	US-08-470-335-244	Sequence 244, App
253	7	864	4	US-08-467-602-309	Sequence 309, App
254	7	864	4	US-08-467-602-372	Sequence 372, App
255	7	865	3	US-08-470-335-235	Sequence 235, App
256	7	865	4	US-08-467-602-322	Sequence 322, App
257	7	867	2	US-08-467-602-355-2	Sequence 355, App
258	7	868	3	US-08-470-333-229	Sequence 229, App
259	7	868	4	US-08-467-602-317	Sequence 317, App
260	7	874	3	US-08-470-335-238	Sequence 238, App
261	7	874	4	US-08-467-602-334	Sequence 334, App
262	7	875	4	US-08-467-602-306	Sequence 306, App
263	7	875	4	US-08-467-602-369	Sequence 369, App
264	7	877	3	US-08-470-333-232	Sequence 332, App
265	7	877	4	US-08-467-602-331	Sequence 331, App
266	7	884	4	US-08-467-602-315	Sequence 315, App
267	7	884	4	US-08-467-602-378	Sequence 378, App
268	7	886	4	US-08-467-602-342	Sequence 342, App
269	7	888	4	US-08-467-602-325	Sequence 325, App
270	7	889	4	US-08-467-602-340	Sequence 340, App
271	7	895	4	US-08-467-602-354	Sequence 354, App
272	7	897	4	US-08-467-602-337	Sequence 337, App
273	7	898	4	US-08-467-602-351	Sequence 351, App
274	7	899	3	US-08-467-602-349	Sequence 349, App
275	7	899	4	US-08-467-602-325	Sequence 325, App
276	7	899	4	US-08-467-602-364	Sequence 364, App
277	7	902	3	US-08-467-602-333	Sequence 333, App
278	7	902	4	US-08-467-602-296	Sequence 296, App
279	7	902	4	US-08-467-602-359	Sequence 359, App
280	7	902	3	US-09-252-99A-19897	Sequence 19897, A
281	7	908	4	US-08-470-335-252	Sequence 252, App
282	7	908	4	US-08-467-602-313	Sequence 313, App
283	7	908	4	US-08-467-602-376	Sequence 376, App
284	7	908	4	US-08-467-602-348	Sequence 348, App
285	7	911	3	US-08-470-335-245	Sequence 245, App
286	7	911	3	US-08-460-262C-4	Sequence 4, App
287	7	911	4	US-08-467-602-310	Sequence 310, App
288	7	911	4	US-08-467-602-373	Sequence 373, App
289	7	918	4	US-08-467-602-357	Sequence 357, App
290	7	922	3	US-08-467-602-304	Sequence 6, App
291	7	922	4	US-08-467-602-367	Sequence 367, App
292	7	922	4	US-08-467-602-316	Sequence 316, App
293	7	931	4	US-08-467-602-336	Sequence 336, App
294	7	931	4	US-08-467-602-379	Sequence 379, App
295	7	933	4	US-08-467-602-343	Sequence 343, App
296	7	936	4	US-08-467-602-338	Sequence 338, App
297	7	937	2	US-08-467-602-105	Sequence 105, App
298	7	942	4	US-08-467-602-355	Sequence 355, App
299	7	945	4	US-08-467-602-352	Sequence 352, App
300	7	956	4	US-08-467-602-346	Sequence 346, App
301	7	965	4	US-08-467-602-358	Sequence 358, App
302	7	969	2	US-08-548-159-1	Sequence 1, App
303	7	972	4	US-08-548-159-3	Sequence 3, App
304	7	993	3	US-09-450-410-4	Sequence 4, App
305	7	993	4	US-09-723-458-4	Sequence 4, App
306	7	999	4	US-08-999-299-7	Sequence 2, App
307	7	1001	4	US-08-884-562A-2	Sequence 2, App
308	7	1012	4	US-08-811-481-16	Sequence 16, App
309	7	1012	4	US-08-876-527-16	Sequence 16, App
310	7	1049	4	US-09-25-99A-19919	Sequence 19919, A
311	7	1083	2	PCT-US95-05512-2	Sequence 5493, Ap
312	7	1106	3	US-09-855-662A-2	Sequence 7, App
313	7	1130	4	US-09-40-427-7	Sequence 7, App
314	7	1137	4	US-09-44-533-2	Sequence 2, App
315	7	1137	4	US-09-44-533-2	Sequence 2, App
316	7	1137	5	PCT-US95-05512-2	Sequence 2, App
317	7	1165	4	US-09-855-662A-2	Sequence 2, App
318	7	1165	4	US-10-224-978-2	Sequence 2, App
319	7	11684	3	US-08-665-259-25	Sequence 25, App
320	7	11704	3	US-08-762-500-25	Sequence 25, App
321	7	12321	4	US-09-230-652-2	Sequence 75, App
322	7	12703	1	US-08-185-432-19	Sequence 19, App
323	7	12703	1	US-08-185-432-19	Sequence 19, App
324	7	13056	4	US-08-899-232-4	Sequence 4, App
325	6	13056	3	US-09-133-062D-2	Sequence 4, App
326	6	1326	13	US-09-287-849-31	Sequence 31, App
327	6	1326	14	US-09-413-452-7	Sequence 7, App
328	6	1326	14	US-09-413-452-7	Sequence 7, App
329	6	1326	15	US-09-413-452-11	Sequence 11, App
330	6	1326	15	US-09-413-452-11	Sequence 11, App
331	6	1326	19	US-08-457-274A-3	Sequence 3, App
332	6	1326	19	PCT-US95-0575B-3	Sequence 3, App
333	6	1326	23	US-08-652-450A-15	Sequence 15, App
334	6	1326	23	US-07-942-245-452	Sequence 15, App
335	6	1326	26	US-08-902-516-7	Sequence 5, App
336	6	1326	26	US-08-902-516-7	Sequence 5, App
337	6	1326	29	US-09-847-185-5	Sequence 18, App
338	6	1326	29	US-09-111-45B-24	Sequence 18, App
339	6	1326	29	US-10-153-064-72	Sequence 22, App
340	6	1326	30	PCT-US94-04361-31	Sequence 21, App
341	6	1326	30	US-08-085-122-8	Sequence 9, App
342	6	1326	32	US-08-085-122-8	Sequence 9, App
343	6	1326	32	US-08-442-108B-18	Sequence 18, App
344	6	1326	32	PCT-US95-15696-3	Sequence 21, App
345	6	1326	33	US-08-935-263-21	Sequence 22, App
346	6	1326	33	US-09-559-185-21	Sequence 22, App
347	6	1326	36	US-08-441-534A-9	Sequence 22, App
348	6	1326	36	US-08-629-752-9	Sequence 22, App
349	6	1326	36	US-08-802-991-9	Sequence 22, App
350	6	1326	36	US-08-176-500-22	Sequence 22, App
351	6	1326	41	US-08-471-052A-22	Sequence 22, App
352	6	1326	41	US-08-189-331-22	Sequence 22, App
353	6	1326	41	US-08-471-073-22	Sequence 22, App
354	6	1326	41	US-08-471-800-22	Sequence 22, App
355	6	1326	41	US-08-472-357-225	Sequence 22, App
356	6	1326	41	US-08-476-176-225	Sequence 22, App
357	6	1326	47	US-08-142-551B-127	Sequence 127, App
358	6	1326	47	US-08-977-378-13	Sequence 13, App
359	6	1326	50	US-09-149-476-435	Sequence 435, App
360	6	1326	50	US-08-370-156-9	Sequence 9, App
361	6	1326	52	US-08-190-482-22	Sequence 22, App
362	6	1326	52	US-09-621-976-5902	Sequence 590A, App
363	6	1326	55	US-09-621-976-6184	Sequence 6184, App
364	6	1326	55	US-09-380-530-12	Sequence 12, App
365	6	1326	56	US-08-766-858A-30	Sequence 30, App
366	6	1326	56	US-08-861-572-1	Sequence 1, App
367	6	1326	56	US-08-148-273-13	Sequence 139, App
368	6	1326	56	US-08-190-997-084-4	Sequence 432, App
369	6	1326	56	US-09-621-976-6184	Sequence 233, App
370	6	1326	56	US-09-621-976-6184	Sequence 233, App
371	6	1326	57	US-09-147-344A-233	Sequence 1083, AP
372	6	1326	57	US-09-130-258-1083	Sequence 19, App
373	6	1326	58	US-08-554-840-19	Sequence 20, App
374	6	1326	58	US-09-554-840-19	Sequence 20, App
375	6	1326	60	US-08-1812-003-2	Sequence 19, App
376	6	1326	60	US-09-148-545-159	Sequence 20, App
377	6	1326	60	US-08-467-344A-233	Sequence 16, App
378	6	1326	60	US-09-554-840-16	Sequence 19, App
379	6	1326	60	US-08-554-840-16	Sequence 20, App
380	6	1326	60	US-09-621-976-5960	Sequence 16, App
381	6	1326	60	US-09-120-258-432	Sequence 1164, A
382	6	1326	60	US-08-469-260A-233	Sequence 2, App
383	6	1326	60	US-09-488-446-233	Sequence 233, App
384	6	1326	60	US-08-467-344A-233	Sequence 233, App
385	6	1326	60	US-09-554-840-16	Sequence 19, App
386	6	1326	60	US-08-554-840-16	Sequence 20, App
387	6	1326	60	US-08-925-339-16	Sequence 16, App
388	6	1326	60	US-08-925-339-16	Sequence 19, App
389	6	1326	60	US-09-332-595-16	Sequence 16, App
390	6	1326	60	US-09-332-595-19	Sequence 19, App
391	6	1326	60	US-09-332-595-20	Sequence 20, App
392	6	1326	60	US-08-091-569-21	Sequence 21, App

393	1	US-08-203-676-21	Sequence 21, App1	Sequence 18677, A
394	2	US-08-822-238-21	Sequence 21, App1	Sequence 5076, AP
395	6	US-09-263-933-23	Sequence 23, App1	Sequence 2998, A
396	6	US-09-919-901-33	Sequence 23, App1	Sequence 13056, A
397	6	US-08-341-843B-28	Sequence 28, App1	US-09-634-238-355
398	6	US-08-427-1497E-33	Sequence 33, App1	US-09-634-238-355
399	6	US-07-728-215-25	Sequence 35, App1	US-09-252-991A-31166
400	6	US-08-938-085A-35	Sequence 35, App1	US-09-252-991A-22118
401	6	US-10-072-844-35	Sequence 35, App1	Sequence 25737, A
402	6	US-10-072-838-35	Sequence 35, App1	Sequence 2, Appli
403	6	US-10-072-841A-35	Sequence 35, App1	Sequence 32495, A
404	6	US-08-461-990B-25	Sequence 35, App1	Sequence 7656, AP
405	6	US-08-461-890B-26	Sequence 35, App1	Sequence 13676, A
406	6	US-09-328-352-5026	Sequence 5026, AP	Sequence 22550, A
407	6	US-09-621-976-3911	Sequence 3911, AP	Sequence 3, Appli
408	6	US-09-543-681A-8036	Sequence 8036, AP	Sequence 44, Appli
409	6	US-08-489-039A-129291	Sequence 12991, A	Sequence 2, Appli
410	6	US-08-652-558-48	Sequence 48, App1	Sequence 52, Appli
411	6	US-08-489-039A-111258	Sequence 11258, A	Sequence 14, Appli
412	6	US-09-621-976-5411	Sequence 5411, AP	Sequence 14, Appli
413	6	US-08-712-529-2	Sequence 2, App1	Sequence 14, Appli
414	6	US-09-252-991A-17318	Sequence 17318, A	Sequence 408, App
415	6	US-08-816-772-2	Sequence 2, App1	Sequence 7670, AP
416	6	US-08-816-772-9	Sequence 9, App1	Sequence 14, Appli
417	6	US-08-352-324A-3	Sequence 32, App1	Sequence 14, Appli
418	6	PCT-US95-16144-3	Sequence 3, App1	Sequence 18887, A
419	6	US-08-862-607-3	Sequence 3, App1	Sequence 178, App
420	6	US-08-468-819-4	Sequence 4, App1	Sequence 2, Appli
421	6	US-09-203-235-3	Sequence 3, App1	Sequence 408, App
422	6	US-08-679-493A-149	Sequence 149, App	Sequence 52, Appli
423	6	US-09-213-383-4	Sequence 4, App1	Sequence 14, Appli
424	6	US-08-747-562-32	Sequence 32, App1	Sequence 41, App
425	6	PCT-US95-16144-3	Sequence 3, App1	Sequence 41, App
426	6	US-09-266-965-3	Sequence 3, App1	Sequence 18887, A
427	6	US-08-209-747-18	Sequence 18, App1	Sequence 18887, A
428	6	US-08-545-809A-123	Sequence 92, App1	Sequence 1244, AP
429	6	US-08-545-809A-140	Sequence 140, App	Sequence 41, App
430	6	US-09-134-001C-4223	Sequence 4223, App	Sequence 1, Appli
431	6	US-09-149-476-642	Sequence 642, App	Sequence 20288, A
432	6	US-08-450-529-5	Sequence 18, App1	Sequence 52, Appli
433	6	US-08-545-809A-116	Sequence 116, App2	Sequence 52, Appli
434	6	US-08-545-809A-123	Sequence 123, App	Sequence 9800, AP
435	6	US-08-545-809A-142	Sequence 142, App	Sequence 9800, AP
436	6	US-09-025-769B-25	Sequence 25, App1	Sequence 321, AP
437	6	US-08-360-125-5	Sequence 5, App1	Sequence 2544, A
438	6	US-08-545-809A-116	Sequence 11, App1	Sequence 17, Appli
439	6	US-09-017-628-5	Sequence 5, App1	Sequence 86, Appli
440	6	US-09-014-880-5	Sequence 11, App1	Sequence 5994, A
441	6	US-09-025-769B-39	Sequence 39, App1	Sequence 18885, A
442	6	US-08-450-363-11	Sequence 65, App1	Sequence 18885, A
443	6	US-08-450-363-5	Sequence 5, App1	Sequence 18885, A
444	6	US-08-450-578-5	Sequence 2, App1	Sequence 18885, A
450	6	US-08-450-578-11	Sequence 11, App1	Sequence 18885, A
451	6	US-09-017-628-11	Sequence 11, App1	Sequence 18885, A
452	6	US-09-014-880-11	Sequence 11, App1	Sequence 18885, A
453	6	US-08-450-363-11	Sequence 11, App1	Sequence 18885, A
454	6	US-08-755-508-2	Sequence 2, App1	Sequence 18885, A
455	6	US-09-203-939-2	Sequence 2, App1	Sequence 18885, A
456	6	US-09-020-939-6	Sequence 6, App1	Sequence 18885, A
457	6	US-09-038-261A-6	Sequence 2, App1	Sequence 18885, A
458	6	US-09-056-329B-2	Sequence 6, App1	Sequence 18885, A
459	6	US-09-251-835-6	Sequence 31041, A	Sequence 21290, A
460	6	US-09-252-991A-31041	Sequence 31886, A	Sequence 22990, A
461	6	US-09-252-991A-31086	Sequence 17879, A	Sequence 30775, A
462	6	US-09-252-991A-17889	Sequence 9377, AP	Sequence 28927, A
463	6	US-09-489-039A-14207	Sequence 14207, A	Sequence 5250, AP
464	6	US-09-621-976-5014	Sequence 5014, AP	Sequence 501, AP
465	6	US-08-444-818-50	Sequence 50, App	Sequence 37, Appli

539	4	US-09-252-991A-26430	Sequence 26430, A	Sequence 2, Appli
540	2.0	US-09-252-991A-21422	Sequence 21422, A	Sequence 2, Appli
541	6	US-09-240-124-4	Sequence 4, Appli	Sequence 4, Appli
542	6	US-09-453-943-4	Sequence 4, Appli	Sequence 4, Appli
543	2.0	US-09-057-121-4	Sequence 4, Appli	Sequence 4, Appli
544	6	US-09-734-12	Sequence 12, Appli	Sequence 12, Appli
545	6	US-09-358-734-4	Sequence 4, Appli	Sequence 4, Appli
546	6	US-09-214-631-8	Sequence 8, Appli	Sequence 8, Appli
547	6	US-09-515-311-12	Sequence 12, Appli	Sequence 12, Appli
548	6	US-09-321-162-2	Sequence 2, Appli	Sequence 2, Appli
549	6	US-09-441-736-1	Sequence 1, Appli	Sequence 1, Appli
550	6	US-08-441-216-2	Sequence 2, Appli	Sequence 2, Appli
551	6	US-08-452-779-1	Sequence 1, Appli	Sequence 1, Appli
552	6	US-08-295-567-4	Sequence 4, Appli	Sequence 4, Appli
553	6	US-08-445-065-1	Sequence 1, Appli	Sequence 1, Appli
554	6	US-08-445-065-12	Sequence 12, Appli	Sequence 12, Appli
555	6	US-08-958-524-1	Sequence 1, Appli	Sequence 1, Appli
556	6	US-08-959-524-12	Sequence 12, Appli	Sequence 12, Appli
557	6	US-09-214-631-10	Sequence 10, Appli	Sequence 10, Appli
558	6	US-09-61-452A-1	Sequence 1, Appli	Sequence 1, Appli
559	6	US-09-61-452A-12	Sequence 12, Appli	Sequence 12, Appli
560	6	US-09-251-991A-311-67	Sequence 311-67, A	Sequence 311-67, A
561	6	US-09-62-76-7336	Sequence 12, Appli	Sequence 12, Appli
562	6	US-09-254-991A-20515	Sequence 20515, A	Sequence 20515, A
563	6	US-09-483-039A-13733	Sequence 13793, A	Sequence 13793, A
564	6	US-09-540-236-3153	Sequence 3153, Appli	Sequence 3153, Appli
565	6	US-09-254-991A-18843	Sequence 18843, A	Sequence 18843, A
566	6	US-08-608-143-41	Sequence 41, Appli	Sequence 41, Appli
567	6	US-08-608-143-43	Sequence 43, Appli	Sequence 43, Appli
568	6	US-09-108-100-8	Sequence 8, Appli	Sequence 8, Appli
569	6	US-09-108-100-9	Sequence 9, Appli	Sequence 9, Appli
570	6	US-09-109-100-11	Sequence 11, Appli	Sequence 11, Appli
571	6	US-09-109-100-11	Sequence 12, Appli	Sequence 12, Appli
572	6	US-09-109-100-12	Sequence 13, Appli	Sequence 13, Appli
573	6	US-09-109-100-13	Sequence 14, Appli	Sequence 14, Appli
574	6	US-09-109-100-14	Sequence 15, Appli	Sequence 15, Appli
575	6	US-09-109-100-15	Sequence 16, Appli	Sequence 16, Appli
576	6	US-09-109-100-16	Sequence 17, Appli	Sequence 17, Appli
577	6	US-09-109-100-17	Sequence 18, Appli	Sequence 18, Appli
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580	6	US-09-1134-000C-3721	Sequence 10, Appli	Sequence 10, Appli
581	6	US-09-252-991A-2566	Sequence 2731, Ap	Sequence 2731, Ap
582	6	US-09-673-392A-613	Sequence 25866, A	Sequence 25866, A
583	6	US-09-328-352-6222	Sequence 613, App	Sequence 613, App
584	6	US-09-489-039A-8572	Sequence 6222, Ap	Sequence 6222, Ap
585	6	US-09-256-764-2	Sequence 8572, Ap	Sequence 8572, Ap
586	6	US-09-489-847-238	Sequence 238, App	Sequence 238, App
587	6	US-09-489-47-253	Sequence 353, App	Sequence 353, App
588	6	US-09-254-991A-31037	Sequence 31037, A	Sequence 31037, A
589	6	US-09-489-039A-9780	Sequence 9780, Ap	Sequence 9780, Ap
590	6	US-09-252-991A-17294	Sequence 17294, A	Sequence 17294, A
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592	6	US-09-448-489-19	Sequence 19, Appli	Sequence 19, Appli
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594	6	US-09-232-991A-30517	Sequence 30351, A	Sequence 30351, A
595	6	US-09-214-631-7	Sequence 7, Appli	Sequence 7, Appli
596	6	US-09-252-991A-23155	Sequence 23155, A	Sequence 23155, A
597	6	US-08-239-567-5	Sequence 5, Appli	Sequence 5, Appli
598	6	US-08-244-626-6	Sequence 6, Appli	Sequence 6, Appli
599	6	US-08-933-962-6	Sequence 6, Appli	Sequence 6, Appli
600	6	US-09-160-841-6	Sequence 6, Appli	Sequence 6, Appli
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602	6	US-09-238-352-6346	Sequence 6346, Ap	Sequence 6346, Ap
603	6	US-08-669-692-6	Sequence 6, Appli	Sequence 6, Appli
604	6	PCT-US94-05365-6	Sequence 6, Appli	Sequence 6, Appli
605	6	US-09-015-734-7	Sequence 7, Appli	Sequence 7, Appli
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693	6	US-08-440-845D-24	Sequence 24, App1
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698	6	US-08-902-572-14	Sequence 14, App1
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749	6	US-09-603-567-2	Sequence 2, App1
750	6	US-09-188-930-125	Sequence 125, App
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753	6	US-09-252-991A-24546	Sequence 24546, A
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756	6	US-09-138-973A-12	Sequence 27, App1
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854	6	US-09-252-991A-27060	Sequence 27060, A	Sequence 6, Appl
855	6	US-09-439-039A-87710	Sequence 8771, Ap	Sequence 33, Appl
856	6	US-09-252-991A-18114	Sequence 18114, A	Sequence 73-1, Ap
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868	6	US-09-519-661-2	Sequence 2, Appl	Sequence 2, Appl
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871	6	US-09-489-039A-8220	Sequence 8220, Ap	Sequence 23422, A
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873	6	US-09-439-039A-8992	Sequence 8992, Ap	Sequence 29044, A
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875	6	US-08-472-57FB-2	Sequence 2, Appl	Sequence 8956, Ap
876	6	US-08-428-73AB-2	Sequence 2, Appl	Sequence 8956, Ap
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881	6	US-09-252-991A-25910	Sequence 25910, A	Sequence 12, Appl
882	6	US-09-232-991A-2079	Sequence 2079, A	Sequence 27067, Ap
883	6	US-09-543-681A-6945	Sequence 6945, Ap	Sequence 18517, A
884	6	US-09-252-991A-31301	Sequence 31301, A	Sequence 20335, A
885	6	US-09-472-250A-4	Sequence 4, Appl	Sequence 23, Appl
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887	6	US-08-128-73AB-4	Sequence 4, Appl	Sequence 23, Appl
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890	6	US-09-107-532A-6504	Sequence 4, Appl	Sequence 1, Appl
891	6	US-08-974-691-8	Sequence 8, Appl	Sequence 26077, A
892	6	US-09-820-002-4	Sequence 26, Appl	Sequence 27928, A
893	6	US-08-974-691-3	Sequence 4, Appl	Sequence 23, Appl
894	6	US-09-705-448-10	Sequence 1, Appl	Sequence 2283, A
895	6	US-09-459-019A-8844	Sequence 8844, Ap	Sequence 28447, A
896	6	US-09-008-271A-4	Sequence 2, Appl	Sequence 31528, A
897	6	US-08-974-691-8	Sequence 8, Appl	Sequence 8303, Ap
898	6	US-09-705-448-1	Sequence 1, Appl	Sequence 8303, Ap
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900	6	US-09-262-991A-20041	Sequence 20041, A	Sequence 4454
901	6	US-09-232-991A-20583	Sequence 20583, A	Sequence 4454
902	6	US-09-232-991A-22178	Sequence 22178, A	Sequence 4454
903	6	US-09-252-991A-32607	Sequence 32607, A	Sequence 4454

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977 ; CURRENT APPLICATION NUMBER: US/09/621,976
978 ; CURRENT FILING DATE: 2000-07-21
979 ; NUMBER OF SEQ ID NOS: 19335
980 ; SOFTWARE: Patent.pm
981 ; SEQ ID NO: 4124
982 ; LENGTH: 118
983 ; TYPE: PRT
984 ; ORGANISM: Homo sapiens
985 ; FEATURE: SIGNAL
986 ; NAME/KEY: UNSURE
987 ; LOCATION: -20..-1
988 ; NAME/KEY: UNSURE
989 ; LOCATION: -16
990 ; OTHER INFORMATION: Xaa = Ala, Gly
991 ; US-09-621-976-4124

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992 ; CURRENT APPLICATION NUMBER: US/09/621,976
993 ; CURRENT FILING DATE: 1998-08-06
994 ; NUMBER OF SEQ ID NOS: 15
995 ; SOFTWARE: FastSEQ for Windows Version 4.0
996 ; SEQ ID NO: 2
997 ; LENGTH: 1209
998 ; TYPE: PRT
999 ; ORGANISM: murine
1000 ; US-09-130-158A-2

Query Match 3.3% Score 10; DB 4; Length 1209;
Best Local Similarity 100.0%; Pred. No. 0.77%; Indels 0; Gaps 0;

ALIGMENTS

RESULT 1
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Patent No. 6576607
GENERAL INFORMATION:
; APPLICANT: Schachner, Melitta
; TITLE OF INVENTION: CNS Neurite Outgrowth Modulators and Method Embodiment and Using Same
; FILE REFERENCE: 109-1-001 CLIB
; CURRENT APPLICATION NUMBER: US/09/130,158A
; PRIOR APPLICATION NUMBER: US 08/636,514
; PRIOR FILING DATE: 1996-04-19
; PRIOR APPLICATION NUMBER: US 08/483,959
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/424,995
; PRIOR FILING DATE: 1995-04-19
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
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; ORGANISM: murine
; US-09-130-158A-2

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Best Local Similarity 100.0%; Pred. No. 0.77%; Indels 0; Gaps 0;

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US-09-673-395A-577
Sequence 577, Application US/09673395A
; Patent No. 6620923
; GENERAL INFORMATION:
; APPLICANT: SPOCH, THOMAS
; APPLICANT: HINZMANN, BERND
; APPLICANT: SCHMITT, ARMIN
; APPLICANT: PILARSKY, CHRISTIAN
; APPLICANT: DAHL, EDGAR
; APPLICANT: ROSENTHAL, ANDRE
; TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM UTERUS TUMOR TISSUE
; FILE REFERENCE: ALBRE-12
; CURRENT APPLICATION NUMBER: US/09/673,395A
; CURRENT FILING DATE: 2000-10-17
; NUMBER OF SEQ ID NOS: 637
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; ORGANISM: Homo sapiens
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; OTHER INFORMATION: Any, other, or unknown amino acid
; NAME/KEY: MOD_RES
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; OTHER INFORMATION: Any, other, or unknown amino acid
; NAME/KEY: MOD_RES
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; OTHER INFORMATION: Any, other, or unknown amino acid
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; LOCATION: (80)
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; US-09-673-395A-577

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 Db 2 LPLILLI 9

RESULT 4
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 ; Patent No. 5943303
 ; GENERAL INFORMATION:
 ; APPLICANT: Wei et al.
 ; TITLE OF INVENTION: Human Hematopoietic - Specific Protein
 ; NUMBER OF SEQUENCES: 8
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Human Genome Sciences, Inc.
 ; STREET: 9410 Key West Avenue
 ; CITY: Rockville
 ; STATE: MD
 ; COUNTRY: US
 ; ZIP: 20850
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/837,029
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION NUMBER: WO PCT/US96/04930
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Brooks, A. Anders
 ; REGISTRATION NUMBER: 36,373
 ; REFERENCE/DOCKET NUMBER: PF268
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 301-309-8504
 ; TELEFAX: 301-309-8439
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 189 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 US-08-837-029-2

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Qy 14 SUPILLI 21
 Db 4 SUPILLI 11

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 ; Patent No. 660552
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 ; APPLICANT: Ni et al.
 ; TITLE OF INVENTION: 32 Human secreted proteins
 ; FILE REFERENCE: PZ044P1
 ; CURRENT APPLICATION NUMBER: US/09/800,729
 ; PRIORITY APPLICATION NUMBER: PCT/US00/26013
 ; PRIOR APPLICATION NUMBER: 60/155,709
 ; PRIOR FILING DATE: 2000-09-22
 ; PRIORITY NUMBER: 60/155,709
 ; NUMBER OF SEQ ID NOS: 405
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 ; ORGANISM: Eucalyptus grandis

US-09-615-192A-284
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 US-09-800-729-82
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 ; TITLE OF INVENTION: 32 Human secreted proteins
 ; FILE REFERENCE: P2044P1
 CURRENT APPLICATION NUMBER: US/09/800,729
 ; PRIOR APPLICATION NUMBER: PCT/US00/26013
 ; PRIOR FILING DATE: 2001-03-08
 ; PRIOR FILING NUMBER: 60/155,709
 ; NUMBER OF SEQ ID NOS: 217
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 82
 ; LENGTH: 613
 ; TYPE: PRF
 ; ORGANISM: Homo sapiens
 ;US-09-800-729-82

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 Db 12 SPLPLILL 19

RESULT 9
 US-09-800-729-98
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 ; APPLICANT: Ni et al.
 ; TITLE OF INVENTION: 32 Human secreted proteins
 ; FILE REFERENCE: P2044P1
 CURRENT APPLICATION NUMBER: US/09/800,729
 ; CURRENT FILING DATE: 2001-03-08
 ; PRIOR APPLICATION NUMBER: PCT/US00/26013
 ; PRIOR FILING DATE: 2000-09-12
 ; PRIOR FILING NUMBER: 60/155,709
 ; NUMBER OF SEQ ID NOS: 217
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 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US-09-800-729-98
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Qy 14 SPLPLILL 21

RESULT 11
 US-08-716-679-3
 Sequence 3, Application US/08716679
 ; Patent No. 5846800
 ; GENERAL INFORMATION:
 ; APPLICANT: Schlessinger, Joseph
 ; APPLICANT: Yan, Hai
 ; TITLE OF INVENTION: PHOSPHOTYROSINE PHOSPHATASE-SIGMA
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pennie & Edmonds
 ; STREET: 1155 Avenue of the Americas
 ; CITY: New York
 ; STATE: New York

COUNTRY: U.S.A.
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 MEDIUM TYPE: Floppy disk
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 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/716,679
 FILING DATE:
 CLASSIFICATION: 435
 PRIORITY APPLICATION NUMBER: US/08/130,570
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Misrock, S. Leslie
 REGISTRATION NUMBER: 18,872
 RELECOMMUNICATION NUMBER: 7683-043
 TELEPHONE: 212-790-9090
 TELEFAX: 212-869-8864/9741
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
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 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-716-679-3

Query Match 2.6%; Score 8; DB 2; Length 1501;
 Best Local Similarity 100.0%; Pred. No. 72;
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Qy 207 CVATNSAG 214
 Db 207 CVATNSAG 214

RESULT 12
 US-08-348-006B-5
 Sequence 5, Application US/08348006B
 Patent No. 5639756
 GENERAL INFORMATION:
 APPLICANT: RODAN, GIDEON A.
 APPLICANT: SCHMIDT, AZRIEL
 APPLICANT: RUTLEDGE, SU JANE
 TITLE OF INVENTION: CDNA ENCODING A NOVEL HUMAN PROTEIN
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: J. MARK HAND - MERCK & CO., INC.
 STREET: 126 E. LINCOLN AVE., P.O. BOX 2000
 CITY: RAYWAY
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07065-0900
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/800,825A
 FILING DATE: 14-FEB-1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: HAND, J. MARK
 REGISTRATION NUMBER: 36,545
 REFERENCE/DOCKET NUMBER: 18992DA
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 732-594-3905
 TELEFAX: 732-594-4720
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1911 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-080-825A-5

Query Match 2.6%; Score 8; DB 2; Length 1911;
 Best Local Similarity 100.0%; Pred. No. 91;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 207 CVATNSAG 214
 Db 207 CVATNSAG 214

RESULT 14
 US-158-657-5
 Sequence 5, Application US/09158657
 Patent No. 6214564
 GENERAL INFORMATION:
 APPLICANT: RODAN, GIDEON A.
 APPLICANT: SCHMIDT, ARIEL
 APPLICANT: RUTLEDGE, SU JANE
 TITLE OF INVENTION: CDNA ENCODING A NOVEL HUMAN PROTEIN
 TITLE OF INVENTION: TYROSINE PHOSPHATASE
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: J. MARK HAND - MERCK & CO., INC.
 STREET: 126 E. LINCOLN AVE., P.O. BOX 2000
 CITY: RAHWAY
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07065-0900
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09158,657
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/800,825
 FILING DATE: 14-FEB-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: HAND, J. MARK
 REGISTRATION NUMBER: 36,545
 REFERENCE/DOCKET NUMBER: 18992DA
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 732-594-3905
 TELEFAX: 732-594-4720
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1911 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 PCT-US94-10166-5

Query Match 2.6%; Score 8; DB 5; Length 1911;
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 TELEFAX: 908-594-4720
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
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 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 PCT-US94-10166-5

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Search completed: June 25, 2004, 09:38:22
 Job time : 34 secs

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RESULT 15
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 GENERAL INFORMATION:
 APPLICANT: RODAN, GIDEON A.
 APPLICANT: SCHMIDT, ARIEL
 APPLICANT: RUTLEDGE, SU JANE
 TITLE OF INVENTION: CDNA ENCODING A NOVEL HUMAN PROTEIN
 TITLE OF INVENTION: TYROSINE PHOSPHATASE
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: JOHN W. WALLEN III
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 COUNTRY: USA
 ZIP: 07065
 COMPUTER READABLE FORM:

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ALIGNMENTS

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 CURRENT FILING DATE: 2002-01-15
 PRIOR APPLICATION NUMBER: US 60/262,066
 PRIOR FILING DATE: 2001-01-18
 PRIOR APPLICATION NUMBER: US 09/722,329
 PRIOR FILING DATE: 2000-11-28
 PRIOR APPLICATION NUMBER: US 09/262,109
 PRIOR FILING DATE: 1999-03-04
 PRIOR APPLICATION NUMBER: PCT/US98/18360
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 PRIOR APPLICATION NUMBER: US 60/057,626
 PRIOR FILING DATE: 1997-09-05
 PRIOR APPLICATION NUMBER: US 60/057,663
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 PRIOR APPLICATION NUMBER: US 60/058,974
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RESULT 2

US-10-41-224-86
 Sequence 86, Application US/10411224
 Publication No. US20030166906A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et al.
 TITLE OF INVENTION: 50 Human Secreted Proteins
 FILE REFERENCE: P2016P2
 CURRENT FILING NUMBER: US/10/047,021
 CURRENT FILING DATE: 2002-01-15
 PRIOR APPLICATION NUMBER: US 60/262,066
 PRIOR FILING DATE: 2001-01-18
 PRIOR APPLICATION NUMBER: US 09/722,329
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 PRIOR FILING DATE: 1999-03-04
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 PRIOR FILING DATE: 1998-09-03
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PRIOR APPLICATION NUMBER: 60/058,973
 PRIOR FILING DATE: 1997-09-12
 PRIOR APPLICATION NUMBER: 60/058,666
 PRIOR FILING DATE: 1997-09-12
 PRIOR APPLICATION NUMBER: 60/090,112
 PRIOR FILING DATE: 1998-06-22
 NUMBER OF SEQ ID NOS: 206
 SEQ ID NO: 86
 LENGTH: 304
 TYPE: PRT
 ORGANISM: Homo sapiens

FEATURE: SITE
 NAME/KEY: SITE
 LOCATION: (203)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

FEATURE: SITE
 NAME/KEY: SITE
 LOCATION: (267)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

FEATURE: SITE
 NAME/KEY: SITE
 LOCATION: (304)
 OTHER INFORMATION: Xaa equals stop translation

US-10-411-224-86

Query Match 99.0%; Score 300; DB 14; Length 304;
 Best Local Similarity 100.0%; Pred. No. 1.2e-260; Indels 0; Gaps 0;
 - Matches 303; Conservative 0; Mismatches 0;

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Qy  1 MSGGGDSLIGGRGSPLLLIMGGRNAQDSDPQQILVHPDQFQGPGRMSCRASGQDP 60
Db   1 MSGGGDSLIGGRGSPLLLIMGGRNAQDSDPQQILVHPDQFQGPGRMSCRASGQDP 60
Qy  61 PTIRWLNGQPTISMVPPDPHILLPDGTLLIOPPARGHADGOALSTDGVTCBEASNL 120
Db   61 PTIRWLNGQPTISMVPPDPHILLPDGTLLIOPPARGHADGOALSTDGVTCBEASNL 120
Qy  121 GTAVSRGARLSVAVLREDQIOPRDMYVAVGQEQFTLGCPWGHDEPTJWWKGKPL 180
Db   121 GTAVSRGARLSVAVLREDQIOPRDMYVAVGQEQFTLGCPWGHDEPTJWWKGKPL 180
Qy  181 QGRHTYSGSLLIMARAKSDEXTNVCATNSAGHESRARVSQEPPQTYTEPVLLAY 240
Db   181 QGRHTYSGSLLIMARAKSDEXTNVCATNSAGHESRARVSQEPPQTYTEPVLLAY 240
Qy  241 RIOLVENTLNNPDAEGSPKPRPAVWLXWKVSGPXRLPNLTGPCSPRLPREARELRQR 300
Db   241 RIOLVENTLNNPDAEGSPKPRPAVWLXWKVSGPXRLPNLTGPCSPRLPREARELRQR 300
Qy  301 NTG 303
Db   301 NTG 303

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Query Match 48.8%; Score 148; DB 10; Length 480;
 Best Local Similarity 100.0%; Pred. No. 4e-124; Indels 0; Gaps 0;
 - Matches 148; Conservative 0; Mismatches 0;

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Qy  55 ASGQPPTIRWLNGQPLSMVPDPFHILPDGTLLIOPPARGHADGOALSTDGVTC 114
Db   86 ASGQPPTIRWLNGQPLSMVPDPFHILPDGTLLIOPPARGHADGOALSTDGVTC 145
Qy  115 EASNRLGTAVSRGARLSVAVLREDQIOPRDMYAVGQEQFTLGCPWGHDEPTVSWK 174
Db   146 EASNRLGTAVSRGARLSVAVLREDQIOPRDMYAVGQEQFTLGCPWGHDEPTVSWK 205
Qy  175 GKPLAQGRHTVSGSLLIMARAKSD 202
Db   206 GKPLAQGRHTVSGSLLIMARAKSD 233

```

RESULT 4

Sequence 211, Application US/09978295A
Patent No. US20020156006A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrar, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kjavian, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same
FILE REFERENCE: P2630P1C11
CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 48:87; Score 148; DB: 9; Length 98;
Best Local Similarity 100.0%; Pred. No. 7.4e-124;
Matches 148; Conservative 0; Mismatches 0; Gaps 0;

Qy 55 ASQQPPPTIRWLNGQPLSMVPPDPHILPDTLLIOPPARGHADGQALSTDLGVTCT 114
Db 33 ASQQPPPTIRWLNGQPLSMVPPDPHILPDTLLIOPPARGHADGQALSTDLGVTCT 92

Qy 115 EASNLGTAVSRGARLVAVEREDFQIOPRDMAVNGEFILECGPPGHBPTVSWKD 174
Db 93 EASNLGTAVSRGARLVAVEREDFQIOPRDMAVVGQFILECGPPGHEPTVSWKD 152

Qy 175 GKPLAQGRHTVSGGSILMAREKSDE 202
Db 153 GKPLAQGRHTVSGGSILMAREKSDE 180

RESULT 5 US-09-978-697-211
Sequence 211, Application US/09978697
Patent No. US/002169284A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillman, Kenneth J.
APPLICANT: Klijavins, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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PRIOR APPLICATION NUMBER: 60/083392
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496

RESULT 6 US 09-978-192A-211
Sequence 211, Application US/09978192A
Patent No. US20020177553A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Destroyer, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hans Peter E.
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey E.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurley, Austin L.
APPLICANT: Hillian, Kenneth J.
APPLICANT: Kliavkin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Naper, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C9
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/1918585
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/1918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
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PRIOR FILING DATE: 1998-03-27
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 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085597

Query Match 55: ASGQPPPTIRNLNGQPLSKVPPDPHILPDGLLQPLRGHADGQALSTLGIVTC 114
 Best Local Similarity 33: ASGQPPPTIRNLNGQPLSKVPPDPHILPDGLLQPLRGHADGQALSTLGIVTC 92

Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 115 EASNRIGTAVSRGARLSVAVLREDPQIOPDMVAVGEOFTLECGPPKSHPEPTVSWKD 174
 Db 93 EASNRIGTAVSRGARLSVAVLREDPQIOPDMVAVGEOFTLECGPPKSHPEPTVSWKD 152

Qy 175 GKPLAQPGHTVSGSLLMARAESDE 202
 Db 153 GKPLAQPGHTVSGSLLMARAESDE 180

RESULT 7
 US-09-999-832A-211
 Sequence 211, Application US/09999832A
 Publication No. US20020192706A1
 GENERAL INFORMATION:
 / APPLICANT: Ashkenazi, Avi
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Eaton, Dan
 / APPLICANT: Ferrara, Napoleon
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerber, Hanspeter
 / APPLICANT: Geritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, J. Christopher
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Kilaviv, Ivar J.
 / APPLICANT: Kuo, Sophia S.
 / APPLICANT: Napier, Mary A.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / APPLICANT: Roy, Margaret Ann
 / APPLICANT: Shelton, David L.
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tomas, Daniel
 / APPLICANT: Williams, P. Mickey
 / APPLICANT: Wood, William I.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / ACIDS Encoding the Same
 / FILE REFERENCE: P2630P1C3
 / CURRENT APPLICATION NUMBER: US/09/999-832A
 / CURRENT FILING DATE: 2001-10-24
 / PRIOR APPLICATION NUMBER: 09/918555
 / PRIOR FILING DATE: 2001-07-30
 / PRIOR APPLICATION NUMBER: 60/062250
 / PRIOR FILING DATE: 1997-10-17
 / PRIOR APPLICATION NUMBER: 60/064249
 / PRIOR FILING DATE: 1997-11-03
 / PRIOR APPLICATION NUMBER: 60/065311
 / PRIOR FILING DATE: 1997-11-13
 / PRIOR APPLICATION NUMBER: 60/066364
 / PRIOR FILING DATE: 1997-11-21
 / PRIOR APPLICATION NUMBER: 60/0677450
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 / PRIOR FILING DATE: 1998-03-11
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 / PRIOR FILING DATE: 1998-03-12
 / PRIOR APPLICATION NUMBER: 60/078004
 / PRIOR FILING DATE: 1998-03-13
 / PRIOR APPLICATION NUMBER: 60/078886
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 / PRIOR FILING DATE: 1998-03-25
 / PRIOR APPLICATION NUMBER: 60/079656
 / PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: 60/079664
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 PRIOR APPLICATION NUMBER: 60/079689
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 PRIOR APPLICATION NUMBER: 60/079663
 PRIOR FILING DATE: 1998-03-27
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 PRIOR APPLICATION NUMBER: 60/082704
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 PRIOR APPLICATION NUMBER: 60/082796
 PRIOR FILING DATE: 1998-04-23
 PRIOR APPLICATION NUMBER: 60/083336
 PRIOR FILING DATE: 1998-04-27
 PRIOR APPLICATION NUMBER: 60/083322
 PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/083392
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083495

QY 55 ASGOPPTIRWLNGQPLSMVPEDPHILPDGTLLIOPPARGHADGOALSTDLYGTYC 114
 Db 33 ASGOPPTIRWLNGQPLSMVPEDPHILPDGTLLIOPPARGHADGOALSTDLYGTYC 92

QY 115 EASNRLGTAVSRGARLSAVLREDFQOPRDMDVAYGEQFTLECGPPWGHPEPTVSMKD 174
 Db 93 EASNRLGTAVSRGARLSAVLREDFQOPRDMDVAYGEQFTLECGPPWGHPEPTVSMKD 152

QY 175 GKPLANQPORHTVSGGSELMARLESDE 202

Query Match 48.8%; Score 148; DB 9; Length 985;
 Best Local Similarity 100.0%; Pred. No. 7.4e-124;
 Matches 148; Conservative 0; Mismatches 0; Gaps 0;

Do 153 GKPLALQFRHTVSGGSLLMARAEEKSDE 180

RESULT 8

US-09-978-189-211
 Sequence 211, Application US/0978189
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Klijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

FILE REFERENCE: P2630PIC7

CURRENT APPLICATION NUMBER: US/09/978,189
 CURRENT FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078004
 PRIOR FILING DATE: 1998-03-13
 PRIOR APPLICATION NUMBER: 60/078886
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078936
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/07910
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079299
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079322
 PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/083392
 PRIOR APPLICATION NUMBER: 60/083393
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/083394

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RESULT 9
US-09-978-608A-211
; Sequence 211, Application US/09978608A
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Boesstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goode, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiray, Austin L.
; APPLICANT: Hilman, Kenneth J.
; APPLICANT: Klaavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Pacini, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, Mickey
; APPLICANT: Wood, William T.
; TITLE OF INVENTION: Secreted and Transmembrane
; TITLE OF INVENTION: Acids Encoding the Samm
; FILE REFERENCE: P2630P1C22
; CURRENT APPLICATION NUMBER: US/09/978,608A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior application removed - See File Wrapper
; SEQ ID NO: 211
; LENGTH: 985
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-608A-211

Query Match Score 148
Best Local Similarity 100.0%
Matches 148; Conservative 0; Mismatches 0
; Score 148;
; Pred. No. 7
; Mismatches 0

Qy      55 ASQQPPPTIWLLNGQPLSVMYPPDPHHLPPDG
Qy      33 ASQQPPPTIWLLNGQPLSVMYPPDPHHLPPDG
Db      115 EASNRIGTAVSRGARLSVAVLREFDQFQIOPRDM
Db      93 EASNRIGTAVSRGARLSVAVLREFDQFQIOPRDM
Qy      175 GRPLQLQPGRTHTVSGSSLLMARAKSDE 2024
Db      153 GRPLQLQPGRTHTVSGSSLLMARAKSDE 1800

RESULT 10
US-09-978-585A-211
; Sequence 211, Application US/09978585A
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.

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APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, J. Christopher
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Klijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William J.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: P2630PIC15

CURRENT APPLICATION NUMBER: US/09/978,585A

CURRENT FILING DATE: 2001-10-16

NUMBER OF SEQ ID NOS: 624

Prior Application Removed - See File Wrapper or Palm

SEQ ID NO 211
 LENGTH: 985
 TYPE: PRT
 ORGANISM: Homo sapiens
 US/09-978-585A-211

Query Match 48.8%; Score 148; DB 10; Length 985;
 Best Local Similarity 100.0%; Pred. No. 7.4e-124; Indels 0; Gaps 0;
 Matches 148; Conservative 0; Mismatches 0;

Qy 55 ASQQPPPTTRWLNGQPLSMYBPDPHLLPDTLILQPARGHADGQALSTDLGIVTC 114
 Db 33 ASQQPPPTTRWLNGQPLSMYBPDPHLLPDTLILQPARGHADGQALSTDLGIVTC 92

Qy 115 EASNRLGTAVSGARLSVAIREDFQLQPRDMVAVGEQFTLECGPPMGRPEPTVSWWKD 174
 Db 93 EASNRLGTAVSGARLSVAIREDFQLQPRDMVAVGEQFTLECGPPMGRPEPTVSWWKD 152

Qy 175 GRPLALQGRHTVSGSLLMARAESKDE 202
 Db 153 GRPLALQGRHTVSGSLLMARAESKDE 180

RESULT 11
 US-09-978-585A-211
 Sequence 211, Application US/09/978191A
 Publication No. US20130050239A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.

PRIOR APPLICATION NUMBER : 60/081914
PRIOR FILING DATE : 1998-03-31
PRIOR APPLICATION NUMBER : 60/080327
PRIOR FILING DATE : 1998-04-01
PRIOR APPLICATION NUMBER : 60/080328
PRIOR FILING DATE : 1998-04-01
PRIOR APPLICATION NUMBER : 60/080333
PRIOR FILING DATE : 1998-04-01
PRIOR APPLICATION NUMBER : 60/080334
PRIOR FILING DATE : 1998-04-01
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PRIOR FILING DATE : 1998-04-08
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PRIOR FILING DATE : 1998-04-28
PRIOR APPLICATION NUMBER : 60/083392
PRIOR FILING DATE : 1998-04-29
PRIOR APPLICATION NUMBER : 60/083495
PRIOR FILING DATE : 1998-04-29
PRIOR APPLICATION NUMBER : 60/083499
PRIOR FILING DATE : 1998-04-29
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PRIOR FILING DATE : 1998-04-29
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PRIOR FILING DATE : 1998-04-30
PRIOR APPLICATION NUMBER : 60/084365
PRIOR FILING DATE : 1998-05-05
PRIOR APPLICATION NUMBER : 60/08441

/ APPLICANT: Godowski, Paul J. ;
 / APPLICANT: Grimaldi, J. Christopher ;
 / APPLICANT: Gurney, Austin L. ;
 / APPLICANT: Hillian, Kenneth J. ;
 / APPLICANT: Kjavian, Ivar J. ;
 / APPLICANT: Kuo, Sophia S. ;
 / APPLICANT: Napier, Mary A. ;
 / APPLICANT: Pan, James ;
 / APPLICANT: Paoni, Nicholas F. ;
 / APPLICANT: Roy, Margaret Ann ;
 / APPLICANT: Shefton, David L. ;
 / APPLICANT: Stewart, Timothy A. ;
 / APPLICANT: Tumas, Daniel ;
 / APPLICANT: Williams, P. Mickey ;
 / APPLICANT: Wood, William I. ;
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2330P1C17
 / CURRENT APPLICATION NUMBER: US/09/978,403A
 / CURRENT FILING DATE: 2002-03-19
 / PRIOR APPLICATION NUMBER: 09/918585
 / PRIOR FILING DATE: 2001-07-30
 / PRIOR APPLICATION NUMBER: 60/062250
 / PRIOR FILING DATE: 1997-10-17
 / PRIOR APPLICATION NUMBER: 60/064249
 / PRIOR FILING DATE: 1997-11-03
 / PRIOR APPLICATION NUMBER: 60/065311
 / PRIOR FILING DATE: 1997-11-13
 / PRIOR APPLICATION NUMBER: 60/066364
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 / PRIOR APPLICATION NUMBER: 60/077450
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 / PRIOR APPLICATION NUMBER: 60/077641
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 / PRIOR APPLICATION NUMBER: 60/077649
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 / PRIOR APPLICATION NUMBER: 60/077791
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 / PRIOR APPLICATION NUMBER: 60/078004
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 / PRIOR APPLICATION NUMBER: 60/078886
 / PRIOR FILING DATE: 1998-03-20
 / PRIOR APPLICATION NUMBER: 60/078936
 / PRIOR FILING DATE: 1998-03-20
 / PRIOR APPLICATION NUMBER: 60/078910
 / PRIOR FILING DATE: 1998-03-20
 / PRIOR APPLICATION NUMBER: 60/078939
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 / PRIOR APPLICATION NUMBER: 60/079294
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 / PRIOR FILING DATE: 1998-03-30
 / PRIOR APPLICATION NUMBER: 60/079728
 / PRIOR FILING DATE: 1998-03-30
 / PRIOR APPLICATION NUMBER: 60/080105
 / PRIOR FILING DATE: 1998-03-31
 / PRIOR APPLICATION NUMBER: 60/080107
 / PRIOR APPLICATION NUMBER: 60/080165

PRIOR APPLICATION NUMBER: 60/084414
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084441
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 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 48 8%; Score 14B; DB 10; Length 985;
 Best Local Similarity 100.0%; Pred. No. 7.4e-124; Mismatches 0; Indels 0; Gaps 0;

Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 55 ASQQPPPTIRLNGQPLSMYPPDPHLLPDGTLLQPPARGIHDGQALSTDLYGTYC 114
 Db 33 ASQQPPPTIRLNGQPLSMYPPDPHLLPDGTLLQPPARGIHDGQALSTDLYGTYC 92

Qy 115 EASNRIGTAVSRGARLSVAVERDFQIPDRMVAVGQFTLECSPPWGHPEPTYSWHD 174
 Db 93 EASNRIGTAVSRGARLSVAVERDFQIPDRMVAVGQFTLECSPPWGHPEPTYSWHD 152

Qy 175 GKPLALQGRHTVSGGSLMRAEKSDE 202
 Db 153 GKPLALQGRHTVSGGSLMRAEKSDE 180

RESULT 13
 US-09-978-564A-211
 Sequence 211, Application US/0978564A
 General Information:
 / APPLICANT: Abkenzzi, Avi
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Eaton, Dan
 / APPLICANT: Ferrai, Napoleon
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerber, HansPeter
 / APPLICANT: Gerritsen, Mary E.

; / APPLICANT: Goddard, Audrey
 ; / APPLICANT: Godowski, Paul J.
 ; / APPLICANT: Grimaldi, J. Christopher
 ; / APPLICANT: Gurney, Austin L.
 ; / APPLICANT: Hillian, Kenneth J.
 ; / APPLICANT: Klijaviv, Ivar J.
 ; / APPLICANT: Kuo, Sophia S.
 ; / APPLICANT: Napier, Mary A.
 ; / APPLICANT: Pan, James
 ; / APPLICANT: Paonii, Nicholas F.
 ; / APPLICANT: Roy, Margaret Ann
 ; / APPLICANT: Shelton, David L.
 ; / APPLICANT: Stewart, Timothy A.
 ; / APPLICANT: Thomas, Daniel
 ; / APPLICANT: Williams, P. Mickey
 ; / APPLICANT: Wood, William I.

; / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
 ; / FILE REFERENCE: P2630P1C25
 ; / CURRENT APPLICATION NUMBER: US/09/978-564A
 ; / CURRENT FILING DATE: 2001-10-16
 ; / PRIOR APPLICATION NUMBER: 09/91585
 ; / PRIOR FILING DATE: 2001-07-30
 ; / PRIOR APPLICATION NUMBER: 60/068250
 ; / PRIOR FILING DATE: 1997-10-17
 ; / PRIOR APPLICATION NUMBER: 60/064249
 ; / PRIOR FILING DATE: 1997-11-03
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 ; / PRIOR APPLICATION NUMBER: 60/077791
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 ; / PRIOR APPLICATION NUMBER: 60/078004
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 ; / PRIOR APPLICATION NUMBER: 60/080107
 ; / PRIOR FILING DATE: 1998-03-31

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    / PRIOR FILING DATE: 1998-05-05
    / PRIOR APPLICATION NUMBER: 60/080165
    / PRIOR FILING DATE: 1998-03-31
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Db 93 EASNRLGATSGARLSAVLREDFOQPRDMVAVGQFTLBCGPPGHPPEPTYSWKD 152

Qy 175 GRPLALQGRHTVSGSLLMARAESDE 202
Db 153 GRPLALQGRHTVSGSLLMARAESDE 180

RESULT 14

US-09-999-333A-211 ; Sequence 211, Application US/09999833A
; Publication No. US20030054405A1
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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Jiang
; APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
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APPLICANT: Kuo, Sophia S.
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APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Sheldon, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

FILE REFERENCE: P263091C65

CURRENT APPLICATION NUMBER: US/09/993,833A

CURRENT FILING DATE: 2001-10-24

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 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
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 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang

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Db 33 ASGQPPPTIRWLNGQPLSMVFPDPHILLPDGTLLIQPARGHADGOALSTDLYGTYC 92
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c 156	7	US-09-621-976-2185	Sequence 56, App1	Sequence 1003, App1
c 157	7	US-09-252-991A-1003	Sequence 57, App1	Sequence 19201, App1
c 158	7	US-09-621-976-19201	Sequence 58, App1	Sequence 425, App1
159	7	US-08-880-142-72	Sequence 72, App1	Sequence 425, App1
160	7	US-08-880-142-72	Sequence 72, App1	Sequence 425, App1
161	7	US-08-902-201-72	Sequence 72, App1	Sequence 425, App1
162	7	US-08-902-201-76	Sequence 72, App1	Sequence 425, App1
163	7	US-08-646-265A-42	Sequence 42, App1	Sequence 425, App1
164	7	US-08-646-265A-45	Sequence 46, App1	Sequence 425, App1
165	7	US-08-646-265A-50	Sequence 50, App1	Sequence 425, App1
166	7	US-08-646-265A-52	Sequence 52, App1	Sequence 425, App1
167	7	US-08-646-265A-56	Sequence 56, App1	Sequence 425, App1
168	7	US-08-646-265A-58	Sequence 58, App1	Sequence 425, App1
169	7	US-08-646-265A-62	Sequence 62, App1	Sequence 425, App1
170	7	US-08-646-265A-64	Sequence 64, App1	Sequence 425, App1
171	7	US-08-646-265A-68	Sequence 68, App1	Sequence 425, App1
172	7	US-08-646-265A-72	Sequence 72, App1	Sequence 425, App1
173	7	US-08-646-265A-74	Sequence 74, App1	Sequence 425, App1
174	7	US-08-646-265A-76	Sequence 76, App1	Sequence 425, App1
175	7	US-08-646-265A-78	Sequence 78, App1	Sequence 425, App1
176	7	US-08-646-265A-80	Sequence 80, App1	Sequence 425, App1
177	7	US-08-646-265A-84	Sequence 84, App1	Sequence 425, App1
178	7	US-08-646-265A-86	Sequence 86, App1	Sequence 425, App1
179	7	US-09-411-557-90	Sequence 90, App1	Sequence 425, App1
180	7	US-09-416-557-76	Sequence 76, App1	Sequence 425, App1
181	7	US-09-355-925-2	Sequence 2, App1	Sequence 425, App1
182	7	US-08-353-372-37	Sequence 37, App1	Sequence 425, App1
183	7	US-08-057-430A-29	Sequence 29, App1	Sequence 425, App1
184	7	US-08-463-128-5	Sequence 5, App1	Sequence 425, App1
185	7	US-08-463-128-9	Sequence 9, App1	Sequence 425, App1
186	7	US-08-463-298-5	Sequence 5, App1	Sequence 425, App1
187	7	US-08-453-298-9	Sequence 9, App1	Sequence 425, App1
188	7	US-08-456-332-5	Sequence 2, App1	Sequence 425, App1
189	7	US-08-433-339A-9	Sequence 9, App1	Sequence 425, App1
190	7	US-08-434-899G-30	Sequence 30, App1	Sequence 425, App1
191	7	US-08-454-899G-62	Sequence 62, App1	Sequence 425, App1
192	7	US-08-451-899G-66	Sequence 66, App1	Sequence 425, App1
193	7	PCT-US94-10393-9	Sequence 9, App1	Sequence 425, App1
194	7	PCT-US94-10395-6	Sequence 6, App1	Sequence 425, App1
195	7	US-08-483-528B-64	Sequence 64, App1	Sequence 425, App1
196	7	US-08-483-528B-67	Sequence 67, App1	Sequence 425, App1
197	7	US-08-483-528B-73	Sequence 73, App1	Sequence 425, App1
198	7	US-08-483-528B-77	Sequence 77, App1	Sequence 425, App1
199	7	US-08-673-799C-64	Sequence 64, App1	Sequence 425, App1
200	7	US-08-673-799C-67	Sequence 67, App1	Sequence 425, App1
201	7	US-08-671-799C-73	Sequence 73, App1	Sequence 425, App1
202	7	US-08-673-799C-79	Sequence 79, App1	Sequence 425, App1
203	7	US-08-09-393-385B-67	Sequence 67, App1	Sequence 425, App1
204	7	US-09-393-385B-67	Sequence 67, App1	Sequence 425, App1
205	7	US-09-393-385B-73	Sequence 73, App1	Sequence 425, App1
206	7	US-09-393-385B-79	Sequence 79, App1	Sequence 425, App1
207	7	US-08-470-171D-70	Sequence 70, App1	Sequence 425, App1
c 208	7	US-08-470-171D-70	Sequence 70, App1	Sequence 425, App1
c 209	7	US-08-470-171D-70	Sequence 70, App1	Sequence 425, App1
c 210	7	US-09-621-976-191D-12	Sequence 12, App1	Sequence 425, App1
c 211	7	US-08-137-111D-70	Sequence 70, App1	Sequence 425, App1
c 212	7	US-08-436-711D-70	Sequence 70, App1	Sequence 425, App1
c 213	7	US-09-541-681A-3880	Sequence 3880, App1	Sequence 425, App1
c 214	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 215	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 216	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 217	7	US-08-438-528B-37	Sequence 37, App1	Sequence 425, App1
c 218	7	US-08-673-799C-37	Sequence 37, App1	Sequence 425, App1
c 219	7	US-08-673-799C-37	Sequence 37, App1	Sequence 425, App1
c 220	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 221	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 222	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 223	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 224	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 225	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 226	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 227	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 228	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 229	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 230	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1
c 231	7	US-08-438-562-48	Sequence 48, App1	Sequence 425, App1

232	7	4	US-09-252-991A-5382	Sequence 5382, App	Sequence 1933, App	Sequence 1933, App	Sequence 147, App
c 233	7	2,3	US-09-252-991A-1336	Sequence 1336, App	Sequence 61, App	Sequence 61, App	Sequence 147, App
c 234	7	2,3	US-09-252-991A-61	Sequence 5365, App	Sequence 5365, App	Sequence 5365, App	Sequence 147, App
c 235	7	2,3	US-09-252-991A-5365	Sequence 22, App	Sequence 22, App	Sequence 22, App	Sequence 26, App
c 236	7	2,3	US-09-252-991A-224	Sequence 1326, A	Sequence 162, A	Sequence 162, A	Sequence 117-257-26
c 237	7	2,3	US-09-252-991A-13256	Sequence 1326, A	Sequence 162, A	Sequence 162, A	Sequence 117-257-29
c 238	7	2,3	US-09-09-397-187-162	Sequence 28, App	Sequence 28, App	Sequence 28, App	Sequence 117-257-31
c 239	7	2,3	US-09-185-19B-28	Sequence 5763, App	Sequence 164, App	Sequence 164, App	Sequence 117-257-43
c 240	7	2,3	US-09-252-991A-5763	Sequence 164, App	Sequence 164, App	Sequence 164, App	Sequence 117-257-43
c 241	7	2,3	US-09-397-187-164	Sequence 10164, A	Sequence 10164, A	Sequence 10164, A	Sequence 117-257-46
c 242	7	2,3	US-09-621-976-10164	Sequence 318, A	Sequence 318, A	Sequence 318, A	Sequence 117-257-46
c 243	7	2,3	US-09-89-039A-1182	Sequence 3656, App	Sequence 3656, App	Sequence 3656, App	Sequence 117-257-43
c 244	7	2,3	US-09-621-76-3556	Sequence 1627, A	Sequence 1627, A	Sequence 1627, A	Sequence 117-257-43
c 245	7	2,3	US-09-621-976-11267	Sequence 443, App	Sequence 749, App	Sequence 749, App	Sequence 117-257-43
c 246	7	2,3	US-09-121-916-443	Sequence 29, App	Sequence 29, App	Sequence 29, App	Sequence 117-257-43
c 247	7	2,3	US-09-543-881A-749	Sequence 6, App	Sequence 6, App	Sequence 6, App	Sequence 117-257-43
c 248	7	2,3	US-09-894-844-29	Sequence 120, App	Sequence 120, App	Sequence 120, App	Sequence 117-257-43
c 249	7	2,3	US-09-785-065-6	Sequence 203, App	Sequence 203, App	Sequence 203, App	Sequence 117-257-43
c 250	7	2,3	US-09-151-412-6	Sequence 104, App	Sequence 104, App	Sequence 104, App	Sequence 117-257-43
c 251	7	2,3	US-09-833-181-203	Sequence 1, App	Sequence 1, App	Sequence 1, App	Sequence 117-257-43
c 252	7	2,3	US-09-216-531-104	Sequence 15988, A	Sequence 15988, A	Sequence 15988, A	Sequence 117-257-43
c 253	7	2,3	US-09-0-176-104	Sequence 75, App	Sequence 75, App	Sequence 75, App	Sequence 117-257-43
c 254	7	2,3	US-09-552-991A-15998	Sequence 125, App	Sequence 125, App	Sequence 125, App	Sequence 117-257-43
c 255	7	2,3	US-09-124-155-75	Sequence 136, App	Sequence 136, App	Sequence 136, App	Sequence 117-257-43
c 256	7	2,3	US-09-184-970B-120	Sequence 1366, App	Sequence 1366, App	Sequence 1366, App	Sequence 117-257-43
c 257	7	2,3	US-09-552-991A-1871	Sequence 1254, A	Sequence 1254, A	Sequence 1254, A	Sequence 117-257-43
c 258	7	2,3	US-09-125-991A-12574	Sequence 60, App	Sequence 60, App	Sequence 60, App	Sequence 117-257-43
c 259	7	2,3	US-09-148-545-60	Sequence 1366, App	Sequence 1366, App	Sequence 1366, App	Sequence 117-257-43
c 260	7	2,3	US-09-702-105-1164	Sequence 1366, App	Sequence 1366, App	Sequence 1366, App	Sequence 117-257-43
c 261	7	2,3	US-09-173-157-1164	Sequence 1366, App	Sequence 1366, App	Sequence 1366, App	Sequence 117-257-43
c 262	7	2,3	US-09-614-124B-1364	Sequence 1366, App	Sequence 1366, App	Sequence 1366, App	Sequence 117-257-43
c 263	7	2,3	US-09-135-134	Sequence 65, App	Sequence 65, App	Sequence 65, App	Sequence 117-257-43
c 264	7	2,3	US-09-137-117D-65	Sequence 65, App	Sequence 65, App	Sequence 65, App	Sequence 117-257-43
c 265	7	2,3	US-08-136-217-65	Sequence 32, App	Sequence 32, App	Sequence 32, App	Sequence 117-257-43
c 266	7	2,3	US-08-311-833-32	Sequence 48, App	Sequence 48, App	Sequence 48, App	Sequence 117-257-43
c 267	7	2,3	US-08-642-214D-48	Sequence 32, App	Sequence 32, App	Sequence 32, App	Sequence 117-257-43
c 268	7	2,3	US-09-479-409-32	Sequence 1, App	Sequence 1, App	Sequence 1, App	Sequence 117-257-43
c 269	7	2,3	US-08-552-014C-48	Sequence 2976, App	Sequence 2976, App	Sequence 2976, App	Sequence 117-257-43
c 270	7	2,3	US-09-479-553-32	Sequence 1115, App	Sequence 1115, App	Sequence 1115, App	Sequence 117-257-43
c 271	7	2,3	US-09-083-268-1	Sequence 5213901	Sequence 5213901	Sequence 5213901	Sequence 117-257-43
c 272	7	2,3	US-09-621-976-325	Sequence 78, App	Sequence 78, App	Sequence 78, App	Sequence 117-257-43
c 273	7	2,3	US-08-113-968-49	Sequence 10529, App	Sequence 10529, App	Sequence 10529, App	Sequence 117-257-43
c 274	7	2,3	US-09-107-532A-1529	Sequence 1529, App	Sequence 1529, App	Sequence 1529, App	Sequence 117-257-43
c 275	7	2,3	US-09-889-039A-2976	Sequence 20, App	Sequence 20, App	Sequence 20, App	Sequence 117-257-43
c 276	7	2,3	US-82709-5	Sequence 1115, App	Sequence 1115, App	Sequence 1115, App	Sequence 117-257-43
c 277	7	2,3	US-09-148-545-115	Sequence 51, App	Sequence 51, App	Sequence 51, App	Sequence 117-257-43
c 278	7	2,3	US-5273901-6	Sequence 55, App	Sequence 55, App	Sequence 55, App	Sequence 117-257-43
c 279	7	2,3	US-09-566-931-78	Sequence 557, 4	Sequence 557, 4	Sequence 557, 4	Sequence 117-257-43
c 280	7	2,3	US-09-523-655-786	Sequence 551, 4	Sequence 551, 4	Sequence 551, 4	Sequence 117-257-43
c 281	7	2,3	US-09-117-257-20	Sequence 552, 3	Sequence 552, 3	Sequence 552, 3	Sequence 117-257-43
c 282	7	2,3	US-08-445-416-20	Sequence 552, 4	Sequence 552, 4	Sequence 552, 4	Sequence 117-257-43
c 283	7	2,3	US-09-489-312-20	Sequence 552, 5	Sequence 552, 5	Sequence 552, 5	Sequence 117-257-43
c 284	7	2,3	US-09-117-257-22	Sequence 553, 4	Sequence 553, 4	Sequence 553, 4	Sequence 117-257-43
c 285	7	2,3	US-09-189-352-51	Sequence 555, 4	Sequence 555, 4	Sequence 555, 4	Sequence 117-257-43
c 286	7	2,3	US-09-221-976-1046	Sequence 557, 4	Sequence 557, 4	Sequence 557, 4	Sequence 117-257-43
c 287	7	2,3	US-09-552-991A-3943	Sequence 558, 4	Sequence 558, 4	Sequence 558, 4	Sequence 117-257-43
c 288	7	2,3	US-08-559-711-3	Sequence 561, 2	Sequence 561, 2	Sequence 561, 2	Sequence 117-257-43
c 289	7	2,3	US-09-117-257-14	Sequence 561, 3	Sequence 561, 3	Sequence 561, 3	Sequence 117-257-43
c 290	7	2,3	US-09-117-257-22	Sequence 561, 3	Sequence 561, 3	Sequence 561, 3	Sequence 117-257-43
c 291	7	2,3	US-09-117-257-24	Sequence 561, 3	Sequence 561, 3	Sequence 561, 3	Sequence 117-257-43
c 292	7	2,3	US-09-221-931-3	Sequence 561, 3	Sequence 561, 3	Sequence 561, 3	Sequence 117-257-43
c 293	7	2,3	US-08-445-416-8	Sequence 561, 3	Sequence 561, 3	Sequence 561, 3	Sequence 117-257-43
c 294	7	2,3	US-08-945-416-14	Sequence 561, 3	Sequence 561, 3	Sequence 561, 3	Sequence 117-257-43
c 295	7	2,3	US-08-945-416-22	Sequence 561, 3	Sequence 561, 3	Sequence 561, 3	Sequence 117-257-43
c 296	7	2,3	US-08-945-416-24	Sequence 561, 3	Sequence 561, 3	Sequence 561, 3	Sequence 117-257-43
c 297	7	2,3	US-09-489-352-14	Sequence 561, 4	Sequence 561, 4	Sequence 561, 4	Sequence 117-257-43
c 298	7	2,3	US-09-889-352-22	Sequence 561, 4	Sequence 561, 4	Sequence 561, 4	Sequence 117-257-43
c 299	7	2,3	US-09-445-416-8	Sequence 561, 4	Sequence 561, 4	Sequence 561, 4	Sequence 117-257-43
c 300	7	2,3	US-09-702-705-370	Sequence 561, 4	Sequence 561, 4	Sequence 561, 4	Sequence 117-257-43
c 301	7	2,3	US-09-736-457-370	Sequence 561, 4	Sequence 561, 4	Sequence 561, 4	Sequence 117-257-43
c 302	7	2,3	US-09-614-124B-370	Sequence 561, 4	Sequence 561, 4	Sequence 561, 4	Sequence 117-257-43
c 303	7	2,3	US-09-671-325-370	Sequence 561, 4	Sequence 561, 4	Sequence 561, 4	Sequence 117-257-43
c 304	7	2,3	US-09-589-184-370	Sequence 561, 4	Sequence 561, 4	Sequence 561, 4	Sequence 117-257-43
c 305	7	2,3	US-09-404-879A-147	Sequence 562, 4	Sequence 562, 4	Sequence 562, 4	Sequence 117-257-43
c 306	7	2,3	US-09-338-931-147	Sequence 562, 4	Sequence 562, 4	Sequence 562, 4	Sequence 117-257-43
c 307	7	2,3	US-09-215-681-147	Sequence 562, 4	Sequence 562, 4	Sequence 562, 4	Sequence 117-257-43
c 308	7	2,3	US-09-216-003A-147	Sequence 562, 4	Sequence 562, 4	Sequence 562, 4	Sequence 117-257-43
c 309	7	2,3	US-09-117-257-26	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 310	7	2,3	US-09-117-257-29	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 311	7	2,3	US-09-117-257-31	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 312	7	2,3	US-09-117-257-33	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 313	7	2,3	US-09-117-257-35	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 314	7	2,3	US-09-117-257-36	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 315	7	2,3	US-09-117-257-39	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 316	7	2,3	US-09-117-257-41	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 317	7	2,3	US-09-117-257-43	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 318	7	2,3	US-09-117-257-45	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 319	7	2,3	US-09-117-257-47	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 320	7	2,3	US-09-117-257-49	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 321	7	2,3	US-09-117-257-51	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 322	7	2,3	US-09-117-257-53	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 323	7	2,3	US-09-117-257-55	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 324	7	2,3	US-09-117-257-57	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 325	7	2,3	US-09-117-257-59	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 326	7	2,3	US-09-117-257-61	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 327	7	2,3	US-09-117-257-63	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 328	7	2,3	US-09-117-257-65	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 329	7	2,3	US-09-117-257-67	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 330	7	2,3	US-09-117-257-69	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 331	7	2,3	US-09-117-257-71	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 332	7	2,3	US-09-117-257-73	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 333	7	2,3	US-09-117-257-75	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 334	7	2,3	US-09-117-257-77	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 335	7	2,3	US-09-117-257-79	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 336	7	2,3	US-09-117-257-81	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 337	7	2,3	US-09-117-257-83	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 338	7	2,3	US-09-117-257-85	Sequence 564, 3	Sequence 564, 3	Sequence 564, 3	Sequence 117-257-43
c 339	7	2,3</td					

c	378	7	2.3	US-09-252-991A-15	451	7	2.3	US-09-876-527-27	Sequence 27, App1
c	379	7	2.3	US-09-524-1000-3	452	7	2.3	US-08-751-767A-1	Sequence 3, App1
c	380	7	2.3	US-0-0-355-163	453	7	2.3	US-0-0-024-657D-19	Sequence 163, App1
c	381	7	2.3	US-08-463-569-163	454	7	2.3	US-08-414-991A-1041	Sequence 163, App1
c	382	7	2.3	US-08-249-322A-163	455	7	2.3	US-09-252-991A-4209	Sequence 163, App1
c	383	7	2.3	US-08-463-522A-163	456	7	2.3	US-09-252-991A-7585	Sequence 163, App1
c	384	7	2.3	US-08-734-591A-163	457	7	2.3	US-08-808-550-1	Sequence 163, App1
c	385	7	2.3	US-08-463-660-163	458	7	2.3	US-08-808-550-40	Sequence 163, App1
c	386	7	2.3	US-08-341-018-51	459	7	2.3	US-08-848-848-11	Sequence 163, App1
c	387	7	2.3	US-08-470-335-163	460	7	2.3	US-08-438-870-11	Sequence 163, App1
c	388	7	2.3	US-08-735-021-163	461	7	2.3	US-08-77-065-1	Sequence 163, App1
c	389	7	2.3	US-08-734-660A-163	462	7	2.3	US-09-014-434-1206	Sequence 163, App1
c	390	7	2.3	US-0-470-339-163	463	7	2.3	US-09-252-991A-5437	Sequence 163, App1
c	391	7	2.3	US-08-467-602-163	464	7	2.3	US-09-050-739-13	Sequence 163, App1
c	392	7	2.3	PCT-US94-05033C-159	465	7	2.3	US-08-671-978A-1	Sequence 163, App1
c	393	7	2.3	PCT-US95-06846A-163	466	7	2.3	US-09-298-886-9	Sequence 163, App1
c	394	7	2.3	US-09-25-991A-16	467	7	2.3	US-09-999-672-9	Sequence 16, App1
c	395	7	2.3	US-09-22-991A-16	468	7	2.3	US-09-252-991A-5839	Sequence 16, App1
c	396	7	2.3	US-09-22-991A-16	469	7	2.3	US-09-522-714-15	Sequence 5, App1
c	397	7	2.3	US-08-163-948B-33	470	7	2.3	US-09-543-681A-1973	Sequence 33, App1
c	398	7	2.3	US-08-448-434-293	471	7	2.3	US-09-622-312D-157	Sequence 33, App1
c	399	7	2.3	US-08-382-452D-33	472	7	2.3	US-09-620-312D-472	Sequence 17, App1
c	400	7	2.3	US-08-507-362A-17	473	7	2.3	US-09-620-312D-472	Sequence 17, App1
c	401	7	2.3	US-09-916-436A-33	474	7	2.3	US-09-700-820C-26	Sequence 33, App1
c	402	7	2.3	US-09-700-820C-5	475	7	2.3	US-09-700-820C-27	Sequence 2, App1
c	403	7	2.3	US-08-781-560-2	476	7	2.3	US-09-700-820C-27	Sequence 2, App1
c	404	7	2.3	US-09-016-434-293	477	7	2.3	US-09-107-532A-2100	Sequence 283, App1
c	405	7	2.3	US-09-700-820C-23	478	7	2.3	US-08-919-155-5	Sequence 1912, App1
c	406	7	2.3	US-09-318-352-1912	479	7	2.3	US-09-819-964-5	Sequence 1742, App1
c	407	7	2.3	US-09-916-436A-33	480	7	2.3	US-09-23-958B-1	Sequence 19, App1
c	408	7	2.3	US-09-781-560-2	481	7	2.3	US-09-522-714-3	Sequence 118, App1
c	409	7	2.3	US-08-163-948B-33	482	7	2.3	US-09-522-714-3	Sequence 12439, App1
c	410	7	2.3	US-09-016-434-293	483	7	2.3	US-09-28-886-7	Sequence 15266, App1
c	411	7	2.3	US-09-700-820C-23	484	7	2.3	US-09-919-155-5	Sequence 19, App1
c	412	7	2.3	US-09-318-352-1912	485	7	2.3	US-08-95-138-5	Sequence 1742, App1
c	413	7	2.3	US-09-916-436A-33	486	7	2.3	US-09-439-039A-2586	Sequence 4, App1
c	414	7	2.3	US-09-781-560-2	487	7	2.3	US-09-439-039A-2704	Sequence 118, App1
c	415	7	2.3	US-09-23-958B-1	488	7	2.3	US-09-516-400-1	Sequence 1, App1
c	416	7	2.3	US-09-23-958B-1	489	7	2.3	US-09-23-958B-1	Sequence 4, App1
c	417	7	2.3	US-09-25-991A-108	490	7	2.3	US-09-94-177-4	Sequence 5, App1
c	418	7	2.3	US-09-616-262A-108	491	7	2.3	US-09-25-991A-538B	Sequence 15266, App1
c	419	7	2.3	US-09-199-991A-15264	492	7	2.3	US-09-32-3917	Sequence 19, App1
c	420	7	2.3	US-09-22-991A-12882	493	7	2.3	US-09-92-655-131	Sequence 474, App1
c	421	7	2.3	US-09-449-03A-474	494	7	2.3	US-09-26-531-14	Sequence 782, App1
c	422	7	2.3	US-09-232-991A-7827	495	7	2.3	US-09-033-555-518	Sequence 5497, App1
c	423	7	2.3	US-09-25-991A-10276	496	7	2.3	US-08-050-523-26	Sequence 1254, App1
c	424	7	2.3	US-09-22-991A-3125	497	7	2.3	US-08-34-639-2	Sequence 41, App1
c	425	7	2.3	US-09-22-991A-12882	498	7	2.3	US-08-627-26	Sequence 12882, App1
c	426	7	2.3	US-09-916-436A-33	499	7	2.3	US-08-39-023-26	Sequence 1, App1
c	427	7	2.3	US-09-916-436A-33	500	7	2.3	US-0-421-033-39	Sequence 131, App1
c	428	7	2.3	US-09-236-976-19	501	7	2.3	US-08-71-044-42	Sequence 428, App1
c	429	7	2.3	US-09-236-976-19	502	7	2.3	US-08-471-044-42	Sequence 13, App1
c	430	7	2.3	US-09-236-976-19	503	7	2.3	US-08-471-044-42	Sequence 13, App1
c	431	7	2.3	US-09-192-716-13	504	7	2.3	US-08-471-044-42	Sequence 252, App1
c	432	7	2.3	US-09-192-716-13	505	7	2.3	US-08-471-044-42	Sequence 12720, App1
c	433	7	2.3	US-09-232-991A-17270	506	7	2.3	US-09-30-529-39	Sequence 9, App1
c	434	7	2.3	US-08-651-052-13	507	7	2.3	US-08-471-044-42	Sequence 13, App1
c	435	7	2.3	US-09-188-081-13	508	7	2.3	US-08-471-044-42	Sequence 2539, App1
c	436	7	2.3	US-09-334-088-13	509	7	2.3	US-08-471-044-42	Sequence 474, App1
c	437	7	2.3	US-09-172-716-13	510	7	2.3	US-08-471-044-42	Sequence 16390, App1
c	438	7	2.3	US-09-192-716-13	511	7	2.3	US-08-471-044-42	Sequence 3296, App1
c	439	7	2.3	US-09-192-716-13	512	7	2.3	US-08-471-044-42	Sequence 55, App1
c	440	7	2.3	US-09-232-991A-824	513	7	2.3	US-08-30-529-42	Sequence 1541, App1
c	441	7	2.3	US-09-338-352-2539	514	7	2.3	US-08-471-044-42	Sequence 2, App1
c	442	7	2.3	US-09-540-236-474	515	7	2.3	US-08-471-044-42	Sequence 16390, App1
c	443	7	2.3	US-09-232-991A-3982	516	7	2.3	US-08-471-044-42	Sequence 982, App1
c	444	7	2.3	US-09-459-031A-3236	517	7	2.3	US-08-471-044-42	Sequence 1727, App1
c	445	7	2.3	US-08-556-415-9	518	7	2.3	US-08-471-044-42	Sequence 55, App1
c	446	7	2.3	US-09-526-400-3	519	7	2.3	US-08-355-186-3	Sequence 3, App1
c	447	7	2.3	US-09-232-991A-824	520	7	2.3	US-09-439-032A-2894	Sequence 1541, App1
c	448	7	2.3	US-09-192-716-13	521	7	2.3	US-08-471-044-42	Sequence 320, App1
c	449	7	2.3	US-09-641-638-320	522	7	2.3	US-08-471-044-42	Sequence 1001, App1
c	450	7	2.3	US-09-671-311-10	523	7	2.3	US-08-471-044-42	Sequence 1011, App1
c	451	7	2.3	US-08-811-481-27	524	7	2.3	US-09-232-991A-13377	Sequence 1011, App1

c 524	7	1289	US-08-344-833-1	Sequence 1, Appli	Sequence 8, Appli
c 525	7	1291	US-09-904-615-17	Sequence 17, Appli	Sequence 8, Appli
c 526	7	1293	US-09-489-039A-6826	Sequence 682+, Ap	Sequence 2, Appli
c 527	7	1294	US-08-665-637-4	Sequence 1, Appli	Sequence 2, Appli
c 528	7	1298	US-09-555-523-1	Sequence 1733, Ap	Sequence 1, Appli
c 529	7	1299	US-09-833-381-1733	Sequence 1733, Appli	Sequence 1, Appli
c 530	7	1305	US-09-012-072-3	Sequence 3, Appli	Sequence 3, Appli
c 531	7	1305	US-09-120-501-3	Sequence 3, Appli	Sequence 3, Appli
c 532	7	1316	US-08-684-687-3	Sequence 5, Appli	Sequence 5, Appli
c 533	7	1316	US-09-551-50-3	Sequence 1, Appli	Sequence 1, Appli
c 534	7	1321	US-10-285-326-1	Sequence 1, Appli	Sequence 1, Appli
c 535	7	1329	US-09-705-348-4	Sequence 4, Appli	Sequence 4, Appli
c 536	7	1329	US-09-252-991A-3367	Sequence 336+, Ap	Sequence 336+, Ap
c 537	7	1341	US-09-443-631A-1802	Sequence 1802, Ap	Sequence 1802, Ap
c 538	7	1344	US-09-552-991A-5239	Sequence 5239, Ap	Sequence 5239, Ap
c 539	7	1347	US-09-120-601-5	Sequence 5, Appli	Sequence 5, Appli
c 540	7	1349	US-09-023-655-1175	Sequence 117+, Ap	Sequence 117+, Ap
c 541	7	1350	US-09-552-991A-677	Sequence 677, Ap	Sequence 677, Ap
c 542	7	1353	US-08-974-691-1	Sequence 1, Appli	Sequence 1, Appli
c 543	7	1355	US-08-415-655-14	Sequence 14, Appli	Sequence 14, Appli
c 544	7	1358	US-08-033-45	Sequence 45, Appli	Sequence 45, Appli
c 545	7	1358	US-08-471-044-45	Sequence 45, Appli	Sequence 45, Appli
c 546	7	1358	US-08-463-683A-45	Sequence 45, Appli	Sequence 45, Appli
c 547	7	1358	US-08-471-066A-45	Sequence 45, Appli	Sequence 45, Appli
c 548	7	1358	US-08-470-5656B-45	Sequence 45, Appli	Sequence 45, Appli
c 549	7	1358	US-08-469-334-45	Sequence 45, Appli	Sequence 45, Appli
c 550	7	1358	US-09-300-539-45	Sequence 45, Appli	Sequence 45, Appli
c 551	7	1360	US-08-704-931-1	Sequence 1, Appli	Sequence 1, Appli
c 552	7	1362	US-09-252-991A-3258	Sequence 3258, Ap	Sequence 3258, Ap
c 553	7	1362	US-09-489-039A-2259	Sequence 2259, Ap	Sequence 2259, Ap
c 554	7	1364	US-08-665-037-3	Sequence 3, Appli	Sequence 3, Appli
c 555	7	1364	US-08-621-433-3	Sequence 3, Appli	Sequence 3, Appli
c 556	7	1364	US-08-365-638-2	Sequence 3, Appli	Sequence 3, Appli
c 557	7	1364	US-09-260-173-3	Sequence 3, Appli	Sequence 3, Appli
c 558	7	1365	US-09-543-681A-3545	Sequence 3545, Ap	Sequence 3545, Ap
c 559	7	1371	US-09-552-991A-15313	Sequence 15313, A	Sequence 15313, A
c 560	7	1376	US-09-443-184-44	Sequence 44, Appli	Sequence 44, Appli
c 561	7	1377	US-08-112-817C-1	Sequence 1, Appli	Sequence 1, Appli
c 562	7	1377	US-09-552-991A-13756	Sequence 13756, A	Sequence 13756, A
c 563	7	1381	US-09-995-438-21	Sequence 21, Appli	Sequence 21, Appli
c 564	7	1384	US-09-005-238-225	Sequence 225, App	Sequence 225, App
c 565	7	1384	US-08-471-033-27	Sequence 27, Appli	Sequence 27, Appli
c 566	7	1389	US-08-71-04-27	Sequence 27, Appli	Sequence 27, Appli
c 567	7	1389	US-08-463-433A-27	Sequence 27, Appli	Sequence 27, Appli
c 568	7	1389	US-08-471-046A-27	Sequence 27, Appli	Sequence 27, Appli
c 569	7	1389	US-08-710-566B-27	Sequence 27, Appli	Sequence 27, Appli
c 570	7	1389	US-08-469-331-27	Sequence 27, Appli	Sequence 27, Appli
c 571	7	1389	US-09-300-539-27	Sequence 27, Appli	Sequence 27, Appli
c 572	7	1389	US-09-489-039A-2338	Sequence 538, Ap	Sequence 538, Ap
c 573	7	1390	US-09-205-251-124	Sequence 124, Appli	Sequence 124, Appli
c 574	7	1394	US-09-147-826B-1	Sequence 1, Appli	Sequence 1, Appli
c 575	7	1395	US-09-924-703-5	Sequence 5, Appli	Sequence 5, Appli
c 576	7	1398	US-09-539-325-322	Sequence 322, App	Sequence 322, App
c 577	7	1398	US-09-016-434-1290	Sequence 24, Appli	Sequence 24, Appli
c 578	7	1398	US-09-539-325-322	Sequence 322, App	Sequence 322, App
c 579	7	1398	US-09-552-991A-13062	Sequence 13062, A	Sequence 13062, A
c 580	7	1398	US-09-114-124B-3126	Sequence 322, App	Sequence 322, App
c 581	7	1398	US-09-671-325-322	Sequence 24, Appli	Sequence 24, Appli
c 582	7	1398	US-09-539-18-322	Sequence 24, Appli	Sequence 24, Appli
c 583	7	1399	US-08-471-033-24	Sequence 24, Appli	Sequence 24, Appli
c 584	7	1399	US-08-471-044-24	Sequence 24, Appli	Sequence 24, Appli
c 585	7	1399	US-08-463-483A-24	Sequence 24, Appli	Sequence 24, Appli
c 586	7	1399	US-08-471-046A-24	Sequence 24, Appli	Sequence 24, Appli
c 587	7	1399	US-08-470-566B-24	Sequence 24, Appli	Sequence 24, Appli
c 588	7	1399	US-08-449-334-24	Sequence 24, Appli	Sequence 24, Appli
c 589	7	1399	US-09-300-529-24	Sequence 24, Appli	Sequence 24, Appli
c 590	7	1400	US-08-085-122-12	Sequence 12, Appli	Sequence 12, Appli
c 591	7	1400	US-08-442-108B-22	Sequence 22, Appli	Sequence 22, Appli
c 592	7	1431	US-09-552-991A-16191	Sequence 16391, A	Sequence 16391, A
c 593	7	1433	US-09-666-392A-1	Sequence 1, Appli	Sequence 1, Appli
c 594	7	1433	US-09-199-926-1	Sequence 1, Appli	Sequence 1, Appli
c 595	7	1440	US-09-232-991A-14965	Sequence 14965, A	Sequence 14965, A
c 596	7	1441	US-09-011-143-8	Sequence 8, Appli	Sequence 8, Appli

c 670	7	2.3	1683	1	US-07-945-283-3	Sequence 3 , Appli	743	7	2.3	1960	4	US-09-620-312D-764
c 671	7	2.3	1685	6	US-09-034-1	Patent No . 5340934	744	7	2.3	1977	4	US-03-252-991A-3924
c 672	7	2.3	1690	3	US-09-071-1244-1	Sequence 1 , Appli	C 745	7	2.3	2000	3	US-03-376-781-30
c 673	7	2.3	1692	4	US-09-600-991-3	Sequence 3 , Appli	C 746	7	2.3	2000	3	US-09-376-781-30
c 674	7	2.3	1694	3	US-09-647-973-3	Sequence 1 , Appli	747	7	2.3	2003	1	US-08-036-555B-21
c 675	7	2.3	1696	4	US-09-835-811-1	Sequence 1 , Appli	748	7	2.3	2003	1	US-08-469-569-21
c 676	7	2.3	1703	4	US-09-851-520-10	Sequence 10 , Appli	749	7	2.3	2003	1	US-08-249-5322A-21
c 677	7	2.3	1707	4	US-09-252-991A-1122	Sequence 112 , Ap	750	7	2.3	2003	1	US-08-469-569-21
c 678	7	2.3	1707	4	US-09-543-168-A-2794	Sequence 2794 , Ap	751	7	2.3	2003	2	US-08-734-1591A-21
c 679	7	2.3	1709	4	US-09-600-991-21	Sequence 21 , Appli	752	7	2.3	2003	2	US-08-469-660-21
c 680	7	2.3	1711	4	US-09-620-312D-159	Sequence 159 , App	753	7	2.3	2003	3	US-08-341-018-71
c 681	7	2.3	1713	4	US-09-741-154-1	Sequence 1 , Appli	754	7	2.3	2003	3	US-08-470-335-21
c 682	7	2.3	1723	4	US-09-4325-98	Sequence 98 , Appli	755	7	2.3	2003	3	US-08-733-021-21
c 683	7	2.3	1723	4	US-10-012-542-98	Sequence 98 , Appli	756	7	2.3	2003	3	US-08-734-664A-21
c 684	7	2.3	1743	4	US-09-252-991A-5465	Sequence 5465 , Ap	757	7	2.3	2003	4	US-08-470-339-21
c 685	7	2.3	1747	1	US-08-176-620-01	Sequence 1 , Appli	758	7	2.3	2003	4	PCT-US94-05083C-21
c 686	7	2.3	1747	1	US-08-467-862-1	Sequence 1 , Appli	759	7	2.3	2003	5	PCT-US95-06845A-21
c 687	7	2.3	1747	2	US-08-461-985-1	Sequence 1 , Appli	760	7	2.3	2003	5	PCT-US95-06845A-21
c 688	7	2.3	1747	2	US-08-458-887-1	Sequence 1 , Appli	761	7	2.3	2007	4	US-09-252-991A-33108
c 689	7	2.3	1747	3	US-08-932-787-1	Sequence 1 , Appli	762	7	2.3	2007	4	US-09-252-991A-5770
c 690	7	2.3	1747	3	US-08-932-012C-1	Sequence 1 , Appli	763	7	2.3	2010	4	US-09-252-991A-15223
c 691	7	2.3	1747	4	US-08-888-818C-1	Sequence 1 , Appli	764	7	2.3	2017	4	US-09-338-933-72
c 692	7	2.3	1748	3	US-09-100-730-1	Sequence 11 , Appli	765	7	2.3	2017	4	US-09-215-681-72
c 693	7	2.3	1751	4	US-09-855-323-11	Sequence 1 , Appli	766	7	2.3	2017	4	US-09-216-103A-72
c 694	7	2.3	1751	4	US-08-216-592A-3	Sequence 3 , Appli	767	7	2.3	2017	4	US-09-252-991A-41785
c 695	7	2.3	1757	4	US-09-252-991A-14785	Sequence 14785 , A	768	7	2.3	2019	3	US-09-063-950-3
c 696	7	2.3	1776	4	US-09-252-991A-4380	Sequence 4380 , Ap	C 769	7	2.3	2022	4	US-09-023-655-416
c 697	7	2.3	1790	4	US-09-866-028-31	Sequence 31 , Appli	770	7	2.3	2029	4	US-09-232-160-2
c 698	7	2.3	1794	4	US-09-252-991A-5181	Sequence 5181 , Ap	771	7	2.3	2036	3	US-08-922-454A-17
c 699	7	2.3	1809	5	US-08-455-001-1	Sequence 1 , Appli	772	7	2.3	2037	1	US-08-149-047-4
c 700	7	2.3	1809	5	PCT-US95-1189-1	Sequence 1 , Appli	773	7	2.3	2037	1	US-08-461-666-4
c 701	7	2.3	1825	4	US-09-907-79A-1	Sequence 1 , Appli	774	7	2.3	2037	1	US-08-461-184-4
c 702	7	2.3	1825	4	US-09-905-125A-1	Sequence 1 , Appli	775	7	2.3	2037	1	US-08-463-675-4
c 703	7	2.3	1825	4	US-09-902-775A-1	Sequence 1 , Appli	776	7	2.3	2037	1	US-08-757-300-4
c 704	7	2.3	1831	6	5215881-1	Patent No . 5215881	777	7	2.3	2037	1	US-08-464-589-4
c 705	7	2.3	1831	6	5215881-3	Patent No . 5215881	C 778	7	2.3	2041	4	US-09-149-047-13131
c 706	7	2.3	1831	9	US-08-222-875-1	Sequence 1 , Appli	C 779	7	2.3	2050	4	US-09-026-001A-5
c 707	7	2.3	1839	1	US-08-272-875-2	Sequence 2 , Appli	780	7	2.3	2070	4	US-09-252-991A-15219
c 708	7	2.3	1851	2	US-08-414-657D-20	Sequence 20 , Appli	781	7	2.3	2070	4	US-09-620-312D-958
c 709	7	2.3	1851	4	US-09-115-080-5	Sequence 5 , Appli	782	7	2.3	2072	4	US-09-833-381-1791
c 710	7	2.3	1854	4	US-09-252-991A-5747	Sequence 5747 , Ap	783	7	2.3	2085	4	US-09-252-991A-5708
c 711	7	2.3	1854	4	US-09-252-991A-5747	Sequence 5747 , Ap	C 784	7	2.3	2085	4	US-09-252-991A-5708
c 712	7	2.3	1866	3	US-08-908-909-742-1	Sequence 1 , Appli	C 785	7	2.3	2091	4	US-09-252-991A-4016
c 713	7	2.3	1866	3	US-08-909-742-1	Sequence 1 , Appli	786	7	2.3	2091	4	US-09-461-657-14
c 714	7	2.3	1866	3	US-08-412-289-1	Sequence 1 , Appli	C 787	7	2.3	2070	4	US-09-252-991A-15219
c 715	7	2.3	1866	3	US-09-412-289-1	Sequence 1 , Appli	788	7	2.3	2121	4	US-09-543-681A-2730
c 716	7	2.3	1867	3	US-08-943-731-111	Sequence 111 , Appli	789	7	2.3	2120	1	US-09-952-800-1
c 717	7	2.3	1875	4	US-09-907-799A-284	Sequence 284 , Appli	790	7	2.3	2136	4	US-09-252-991A-13089
c 718	7	2.3	1875	4	US-09-907-122A-284	Sequence 284 , Appli	791	7	2.3	2091	4	US-09-600-991-19
c 719	7	2.3	1875	4	US-09-902-77A-284	Sequence 284 , Appli	C 792	7	2.3	2145	4	US-09-252-991A-13235
c 720	7	2.3	1885	4	US-09-622-191-4	Sequence 4 , Appli	C 793	7	2.3	2150	4	US-08-338-837-1
c 721	7	2.3	1885	4	US-09-622-991A-9765	Sequence 1008 , Ap	794	7	2.3	2166	3	US-09-729-995-1
c 722	7	2.3	1885	4	US-09-620-312D-263	Sequence 263 , App	800	7	2.3	2190	4	US-10-232-197-101
c 723	7	2.3	1883	3	US-09-700-820C-34	Sequence 3 , Appli	801	7	2.3	2166	4	US-09-232-201-101
c 724	7	2.3	1883	4	US-09-991-677-3	Sequence 4 , Appli	C 802	7	2.3	2200	3	US-09-165-642-1
c 725	7	2.3	1883	4	US-09-622-191-4	Sequence 4 , Appli	C 803	7	2.3	2200	3	US-09-165-642-1
c 726	7	2.3	1885	4	US-09-622-191-4	Sequence 4 , Appli	804	7	2.3	2247	4	US-09-620-312D-502
c 727	7	2.3	1885	4	US-09-622-191-4	Sequence 4 , Appli	C 805	7	2.3	2208	4	US-08-338-038A-1
c 728	7	2.3	1885	4	US-09-622-191-4	Sequence 4 , Appli	806	7	2.3	2214	3	US-08-656-082B-2
c 729	7	2.3	1893	4	US-09-461-665B-16	Sequence 16 , Appli	808	7	2.3	2216	2	US-08-334-177-1
c 730	7	2.3	1920	4	US-09-160-496E-4	Sequence 4 , Appli	809	7	2.3	2232	4	PCT-US95-13830-1
c 731	7	2.3	1920	4	US-09-622-191-4	Sequence 4 , Appli	810	7	2.3	2247	4	US-09-620-312D-510
c 732	7	2.3	1925	4	US-09-249-583A-2	Sequence 2 , Appli	811	7	2.3	2256	4	US-07-739-393-1
c 733	7	2.3	1925	4	US-09-249-583A-4	Sequence 2 , Appli	812	7	2.3	2256	1	US-08-001-711-11
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817	US-09-131-648-4	Sequence 4, App1	890	Sequence 1, App1
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820	US-09-022-1158	Sequence 1158, App	893	Sequence 2, App1
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822	PCT-US95-0774A-4	Sequence 1, App1	895	Sequence 2, App1
823	US-08-892-880-1	Sequence 157, App	896	Sequence 4, App1
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825	US-09-841-786-13	Sequence 3, App1	898	Sequence 106, App
826	US-07-862-588B-3	Sequence 320, App	899	Sequence 1, App1
827	US-09-543-681A-3270	Sequence 320, App	900	Sequence 7, App1
828	US-09-022-983-1	Sequence 1, App1	901	Sequence 170, App
829	US-09-490-692-10	Sequence 10, App1	902	Sequence 170, App
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835	US-09-7865-1	Patent No. 517865	908	Sequence 182, App
836	US-09-5475095-1	Patent No. 5175095	909	Sequence 182, App
837	US-09-833-381-849	Sequence 849, App	910	Sequence 7, App1
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873	US-09-252-991A-1221	Sequence 7, App1	946	Sequence 1, App1
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 c 994 7 2.3 4020 4 US-09-023-655-1003 Sequence 18, Appli
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ALIGNMENTS

RESULT 1^r

US-10-057-983-11

Sequence 11, Application US/10027383

GENERAL INFORMATION: Ent. No. 661162

APPLICANT: Kenneth W. Dobie

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION

FILE REFERENCE: RTS-0340

CURRENT APPLICATION NUMBER: US/10/027,983

CURRENT FILING DATE: 2001-12-18

NUMBER OF SEQ ID NOS: 98

SEQ ID NO: 11

LENGTH: 392000

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: unsure

LOCATION: 137742

OTHER INFORMATION: unknown

NAME/KEY: misc feature

LOCATION: (138122) ... (138221)

NAME/KEY: unsure

LOCATION: 145507

OTHER INFORMATION: unknown

NAME/KEY: unsure

LOCATION: (348579) ... (381818)

OTHER INFORMATION: intron 10

NAME/KEY: intron-exon junction

LOCATION: (293248) ... (299229)

OTHER INFORMATION: exon 9:inttron 9

NAME/KEY: (151129) ... (151130)

LOCATION: (232398)

NAME/KEY: exon:inttron junction

LOCATION: (235552) ... (2366651)

OTHER INFORMATION: exon 5:inttron 5

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OTHER INFORMATION: exon 10:inttron 10

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OTHER INFORMATION: exon 9:inttron 9

NAME/KEY: (151129) ... (151130)

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OTHER INFORMATION: exon 10:inttron 10

NAME/KEY: intron

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LOCATION: (293248) ... (299229)

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NAME/KEY: (151129) ... (151130)

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NAME/KEY: intron

LOCATION: (348579) ... (381818)

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NAME/KEY: (151129) ... (151130)

LOCATION: (232398)

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NAME/KEY: intron

LOCATION: (348579) ... (381818)

OTHER INFORMATION: intron 10

NAME/KEY: intron-exon junction

; OTHER INFORMATION: intron 11:exon 12

US-10-047-021-86 (1-303) x US-09-016-434-278 (1-280)

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QY      16 ProleuLeuLeuLeuLeuLeuMet 23
Db      140 CCTCTCTGCTCTAAATATG 117

RESULT 3
US-09-173-151A-5/C
Sequence 5, Application US/09173151A
Patent No. 6326472.

GENERAL INFORMATION:
APPLICANT: Timans, Jacqueline C.
APPLICANT: Debets, Johannes Eduard Maria
APPLICANT: Antonius
APPLICANT: Sana, Theodore R.
APPLICANT: Bazu, J. Fernando
APPLICANT: Kastlein, Robert A.
TITLE OF INVENTION: Human Receptor Proteins; Related Reagents and Methods
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: DNAX Research Institute
STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/173,151A
FILING DATE: 14-OCT-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/065,776
FILING DATE: 17-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/078,008
FILING DATE: 12-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/081,883
FILING DATE: 15-APR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/095,987
FILING DATE: 10-AUG-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/078,416
FILING DATE: 18-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/062,066
FILING DATE: 15-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REFERENCE/DOCKET NUMBER: DX0767X
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 852-9196
TELEFAX: (650) 496-1200
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 482 base Pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..480
NAME/KEY: m3c_feature
LOCATION: 1..480

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TITLE OF INVENTION: MODIFIED HEPATITUS B VIRUS SURFACE

; APPLICANT: Buchbinder, Jenny
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; NUMBER OF SEQUENCES: 22
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/547, 948
; FILING DATE: 07-JUL-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 898, 425
; FILING DATE: 20-AUG-1996
; SEQ ID NO:1;
; LENGTH: 846
; 516485-1

Alignment Scores:
Pred. No.: 184 Length: 846
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
DB: 6 Gaps: 0

US-10-047-021-86 (1-303) x 5164485-1 (1-846)

Qy 92 GlnProAlaArgGlyHisAla 99
Db 506 CRACCAAGCAGCGGGCATGCA 529

RESULT 7
US-09-615-192A-201
; Sequence 201, Application US/09615192A
; Patent No. 6107018

; GENERAL INFORMATION:
; APPLICANT: Bloksserg, Leonard N.
; ATTORNEY: Havukkaa, Tikkka
; TITLE OF INVENTION: Materials and Methods for the
; Modification of Plant Lignin Content
; FILE REFERENCE: 110000.1003c4U
; CURRENT APPLICATION NUMBER: US/09/615,192A
; CURRENT FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 08/975,316
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 08/713,000
; PRIOR FILING DATE: 1996-09-11
; PRIOR APPLICATION NUMBER: US 09/169,789
; PRIOR FILING DATE: 1998-10-09
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO: 201
; LENGTH: 993
; TYPE: DNA
; ORGANISM: Eucalyptus grandis
US-09-615-192A-201

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Query Match: 2.64% Indels: 0
DB: 4 Gaps: 0

US-10-047-021-86 (1-303) x US-09-615-192A-201 (1-993)

Qy 14 SerLeuProLeuLeuLeu 21
Db 53 TCCCTTCCTCCTCCCTCCCTC 76

RESULT 8
US-09-576-594-522
; Sequence 522, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Furness, Michael

```

APPLICANT: Heard, Jacqueline
APPLICANT: Broun, Pierre
APPLICANT: Riechmann, Jose-Luis
APPLICANT: Keddie, James
APPLICANT: Pineda, Omaira
APPLICANT: Adam, Luc
APPLICANT: Omaha, Raymond
APPLICANT: Zhang, James
APPLICANT: Yu, Guo-Liang
APPLICANT: Ratcliffe, Oliver
APPLICANT: Pilgrim, Marsha
APPLICANT: Jiang, Cai-Zhong
TITLE OF INVENTION: DISEASE-INDUCED POLYNUCLEOTIDES
FILE REFERENCE: MBI-010
CURRENT APPLICATION NUMBER: US/09/533,029
CURRENT FILING DATE: 2000-03-22
EARLIER APPLICATION NUMBER: 60/125,814
EARLIER FILING DATE: 1999-03-23
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 99
LENGTH: 1339
TYPE: DNA
ORGANISM: Arabidopsis thaliana
FEATURE:
OTHER INFORMATION: G515
US-09-533-029-99

Alignment Scores:
Pred. No.: 285 Length: 1
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64# Indels: 0
DB: 4 Gaps: 0

US-10-047-021-86 (1-303) x US-09-533-029-99 (1-1339)

Qy 14 SerLeuProLeuLeuLeuLeu 21
Db 611 AGTCCTCCTCTCTCTCTCTT 634

RESULT 11
US-09-668-097A-13/C
; Sequence 13, Application US/09668097A
; Patent No. 6573988
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Edgar B.
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Klein, Ted
; APPLICANT: Shen, Jennie
; TITLE OF INVENTION: Plant Lipases
; FILE REFERENCE: BB1401 US NA
; CURRENT APPLICATION NUMBER: US/09/668,097A
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/157309
; PRIOR FILING DATE: 1999-10-01
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Microsoft Office 97
SEQ ID NO 13
LENGTH: 1662
TYPE: DNA
ORGANISM: Glycine max
US-09-668-097A-13

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Query Match: 2.64# Indels: 0
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FILING DATE: 13-MAR-1997
 CLASSIFICATION: 424
 ATTORNEY/AGENT INFORMATION:
 NAME: Maki, David J.
 REGISTRATION NUMBER: 31,392
 REFERENCE/DOCKET NUMBER: 210121.411C6
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1771 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 S-08-818-112-13

Alignment Scores:

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S-10-047-021-86 (1-303) x US-08-818-112-13 (1-1771)

RESULT 14
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 Sequence 13, Application US/08818111
 Patent No. 6338852.

GENERAL INFORMATION:

APPLICANT:	Reed, Steven G.
APPLICANT:	Sleiky, Yasir A.W.
APPLICANT:	Dillon, Devin C.
APPLICANT:	Candou-Neto, Antonia
APPLICANT:	Houghton, Raymond
APPLICANT:	Vedrick, Thomas S.
APPLICANT:	Twardzik, Daniel R.
TITLE OF INVENTION:	COMPOUNDS AND METHODS FOR DIAGNOSIS OF TUBERCULOSIS
NUMBER OF SEQUENCES:	148
CORRESPONDENCE ADDRESS:	SEED and BERRY LLP STREET: 6300 Columbia Center, 701 Fifth Avenue CITY: Seattle STATE: Washington COUNTRY: USA ZIP: 98104-7092
COMPUTER READABLE FORM:	MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patent In Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/818,111 FILING DATE: 13-MAR-1997 CLASSIFICATION: 424 ATTORNEY/AGENT INFORMATION: NAME: Maki, David J. REGISTRATION NUMBER: 31,392 REFERENCE/DOCKET NUMBER: 210121.417C6 TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 622-4900 TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO: 13: SEQUENCE CHARACTERISTICS: LENGTH: 1771 base pairs TYPE: nucleic acid STRANDEDNESS: single

i TOPOLOGY: linear
 US-08-818-111-13

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US-10-047-021-86 (1-303) x US-08-818-111-13 (1-1771)

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RESULT 15

US-09-056-556-13/c
 i Sequence 13, Application US/09056556
 i Patent No. 1350456
 i GENERAL INFORMATION:
 i APPLICANT: Reed, Steven G.
 i APPLICANT: Skeirly, Yasir A.W.
 i APPLICANT: Dillon, Davin C.
 i TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PRE-
 i NUMBER OF SEQUENCES: 241
 i CORRESPONDENCE ADDRESS:
 i ADDRESSEE: SEED and BERRY LLP
 i STREET: 6300 Columbia Center, 701 Fifth Avenue
 i CITY: Seattle
 i STATE: Washington
 i COUNTRY: USA
 i ZIP: 98101-7092

COMPUTER READABLE FORM:
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 i OPERATING SYSTEM: PC-DOS/MS-DOS
 i SOFTWARE: PatentIn Release #1.0, Version #1.3.0
 i CURRENT APPLICATION DATA:
 i APPLICATION NUMBER: US/09/056,556
 i FILING DATE: 07-APR-1998
 i CLASSIFICATION:
 i ATTORNEY/AGENT INFORMATION:
 i NAME: Makr, David J.
 i REGISTRATION NUMBER: 31,392
 i REGISTRATION DOCKET NUMBER: 210121.457
 i TELECOMMUNICATION INFORMATION:
 i TELEPHONE: (206) 622-4900
 i TELEFAX: (206) 682-6031
 i INFORMATION FOR SEQ ID NO: 13:
 i SEQUENCE CHARACTERISTICS:
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 i TYPE: nucleic acid
 i SPANNEDESS: single
 i TOPOLOGY: linear

US-09-056-556-13

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US-10-047-021-86 (1-303) x US-09-056-556-13 (1-1771)

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Page 14

GenCore version 5.1.6
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SUMMARIES

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135	16	5.3	129	16	US-09-999-834A-214	Sequence 214, App	20.7	16	5.3	50	15	US-10-013-925A-214	Sequence 214, APP
136	16	5.3	130	16	US-09-978-655A-214	Sequence 214, App	20.8	16	5.3	50	15	US-10-013-916A-214	Sequence 214, APP
137	16	5.3	131	16	US-09-978-802A-214	Sequence 214, App	20.9	16	5.3	50	15	US-10-013-916A-214	Sequence 214, APP
138	16	5.3	132	16	US-10-164-719A-214	Sequence 214, App	21.1	8	2.6	101	15	US-10-013-916A-214	Sequence 214, APP
139	16	5.3	133	16	US-10-145-088A-214	Sequence 214, App	21.2	8	2.6	101	15	US-10-013-922A-214	Sequence 214, APP
140	16	5.3	134	16	US-10-145-092A-214	Sequence 214, App	21.3	8	2.6	101	15	US-10-013-922A-214	Sequence 214, APP
141	16	5.3	135	16	US-10-145-093A-214	Sequence 214, App	21.4	8	2.6	101	15	US-10-013-925A-214	Sequence 214, APP
142	16	5.3	136	16	US-10-165-353A-214	Sequence 214, App	21.5	8	2.6	101	15	US-10-013-916A-214	Sequence 214, APP
143	16	5.3	137	16	US-10-167-600-214	Sequence 214, App	21.6	8	2.6	101	15	US-10-015-219-114	Sequence 214, APP
144	16	5.3	138	16	US-10-170-491A-214	Sequence 214, App	21.7	8	2.6	101	15	US-10-015-219-114	Sequence 214, APP
145	16	5.3	139	16	US-09-918-955-12814	Sequence 214, App	21.8	8	2.6	101	15	US-09-918-955-12814	Sequence 214, APP

219	13	US-10-424-599-88614	Sequence 88614, A
220	8	US-09-866-761-15104	Sequence 15104, A
221	8	US-09-815-343-757	Sequence 757, APP
222	8	US-10-097-105-757	Sequence 757, APP
223	8	US-09-813-434-486	Sequence 486, APP
224	8	US-10-097-105-486	Sequence 486, APP
225	8	US-09-918-935-5599	Sequence 5599, APP
226	8	US-09-792-798-A-69	Sequence 69, APP
227	8	US-10-375-209A-69	Sequence 69, APP
228	8	US-10-339-388-63	Sequence 63, APP
229	8	US-09-898-57A-13	Sequence 13, APP
230	8	US-10-146-496-7	Sequence 7, APP
231	8	US-10-424-599-88602	Sequence 88602, A
232	8	US-10-097-632-42811	Sequence 42811, A
233	8	US-10-027-632-42811	Sequence 42811, A
234	8	US-09-844-761-2448	Sequence 2448, APP
235	8	US-09-924-354-216	Sequence 216, APP
236	8	US-09-918-935-2827	Sequence 28127, A
237	8	US-10-027-632-4533	Sequence 4533, A
238	8	US-10-027-632-4533	Sequence 4533, A
239	8	US-10-138-846-2607	Sequence 2607, APP
240	8	US-09-918-935-21720	Sequence 21720, A
241	8	US-10-027-632-295758	Sequence 295758, APP
242	8	US-10-027-632-295759	Sequence 295759, APP
243	8	US-10-027-632-295758	Sequence 295758, APP
244	8	US-10-027-632-295759	Sequence 295759, APP
245	8	US-10-011-548-5	Sequence 5, APP
246	8	US-09-835-343-553	Sequence 553, APP
247	8	US-10-027-632-21020	Sequence 21200, A
248	8	US-09-918-935-21020	Sequence 21200, A
249	8	US-09-918-935-22862	Sequence 22862, A
250	8	US-10-027-632-166	Sequence 166, APP
251	8	US-09-876-143-99	Sequence 99, APP
252	8	US-10-027-632-799	Sequence 799, APP
253	8	US-09-733-590-6410	Sequence 6410, APP
254	8	US-09-844-761-12314	Sequence 12314, A
255	8	US-09-918-935-2288	Sequence 2288, APP
256	8	US-09-914-300-7635	Sequence 7635, APP
257	8	US-09-764-891-2022	Sequence 2022, APP
258	8	US-10-027-632-235337	Sequence 235337, APP
259	8	US-10-027-632-235337	Sequence 235337, APP
260	8	US-10-029-396-974	Sequence 9754, APP
261	8	US-10-029-361-3612	Sequence 3612, APP
262	8	US-10-029-336-4332	Sequence 4332, APP
263	8	US-10-000-639-4	Sequence 4, APP
264	8	US-10-038-1058	Sequence 10858, A
265	8	US-10-027-632-202161	Sequence 202161, APP
266	8	US-10-027-632-202161	Sequence 202161, APP
267	8	US-09-701-132-372	Sequence 372, APP
268	8	US-10-027-632-215159	Sequence 216159, APP
269	8	US-10-027-632-216159	Sequence 216159, APP
270	8	US-10-074-024-561	Sequence 561, APP
271	8	US-10-074-024-562	Sequence 562, APP
272	8	US-10-074-024-560	Sequence 560, APP
273	8	US-10-027-632-10334	Sequence 10334, APP
274	8	US-10-027-632-141455	Sequence 141455, APP
275	8	US-10-027-632-141455	Sequence 141455, APP
276	8	US-10-027-632-229673	Sequence 229673, APP
277	8	US-10-027-632-141455	Sequence 141455, APP
278	8	US-10-027-632-279763	Sequence 279763, APP
279	8	US-09-744-853-95	Sequence 95, APP
280	8	US-10-036-2649	Sequence 2649, APP
281	8	US-10-027-632-92871	Sequence 92871, APP
282	8	US-10-027-632-92871	Sequence 92871, APP
283	8	US-10-027-632-92873	Sequence 92873, APP
284	8	US-10-027-632-92871	Sequence 92871, APP
285	8	US-10-027-632-92872	Sequence 92872, APP
286	8	US-10-027-632-92871	Sequence 92871, APP
287	8	US-09-802-003A-31	Sequence 31, APP
288	8	US-09-801-003A-31	Sequence 31, APP
289	8	US-10-091-448-57	Sequence 67, APP
290	8	US-10-381-122A-8675	Sequence 8675, APP
291	8	US-10-027-632-213112	Sequence 213112, APP

365	8	US-09-974-300-1559	C 438	Sequence 1559, App	Sequence 326, App
366	2.6	US-10-242-122A-40672	C 439	Sequence 40672, A	Sequence 326, App
367	8	US-10-242-122A-40672	C 440	Sequence 40672, A	Sequence 509, App
368	2.6	US-10-291-265-172	C 441	Sequence 172, App	Sequence 7, App1
c 369	8	US-10-057-632-256702	C 442	Sequence 256702,	Sequence 31628, A
c 370	8	US-10-057-632-256702	C 443	Sequence 256702,	Sequence 66, App1
c 371	8	US-10-25-114-21853	C 444	Sequence 21853, A	Sequence 69, App1
c 372	8	US-09-877-325	C 445	Sequence 325, App	Sequence 69, App1
c 373	8	US-10-242-515-325	C 446	Sequence 325, App	Sequence 69, App1
c 374	8	US-09-889-442-157	C 447	Sequence 157, App	Sequence 69, App1
c 375	8	US-10-363-616-177	C 448	Sequence 177, App	Sequence 1030, App
c 376	8	US-10-25-114-31500	C 449	Sequence 31500, A	Sequence 2656, App
c 377	8	US-10-027-631-252649	C 450	Sequence 252649,	Sequence 69, App1
c 378	8	US-10-027-632-252649	C 451	Sequence 252649,	Sequence 31613, A
c 379	8	US-10-25-114-31613	C 452	Sequence 31022, A	Sequence 13, App1
c 380	8	US-10-027-632-115567	C 453	Sequence 116567,	Sequence 13, App1
c 381	8	US-10-227-632-116567	C 454	Sequence 116567,	Sequence 2170, App
c 382	8	US-10-425-114-26510	C 455	Sequence 26510, A	Sequence 135, App
c 383	8	US-10-425-114-45394	C 456	Sequence 45394, A	Sequence 3, App1
c 384	8	US-10-669-443-43332	C 457	Sequence 43832, A	Sequence 30415, A
c 385	8	US-10-027-632-11352	C 458	Sequence 575, App	Sequence 30415, A
c 386	8	US-10-027-632-115567	C 459	Sequence 30659, A	Sequence 1572, App
c 387	8	US-10-027-632-30649	C 460	Sequence 30659, A	Sequence 1623, App
c 388	8	US-10-027-632-30649	C 461	Sequence 10856, A	Sequence 179, App
c 389	8	US-10-425-114-24635	C 462	Sequence 24635, A	Sequence 199, App
c 390	8	US-10-198-844-13551	C 463	Sequence 13951, A	Sequence 920, App
c 391	8	US-10-125-114-24997	C 464	Sequence 17599, A	Sequence 301, App1
c 392	8	US-10-027-632-12445	C 465	Sequence 124995, A	Sequence 600, App
c 393	8	US-10-027-632-12445	C 466	Sequence 124995, A	Sequence 1579, App
c 394	8	US-10-027-632-124497	C 467	Sequence 124997, A	Sequence 1634, App
c 395	8	US-10-027-632-124495	C 468	Sequence 124995, A	Sequence 15142, A
c 396	8	US-10-027-632-124495	C 469	Sequence 124995, A	Sequence 1354, App
c 397	8	US-10-027-632-124497	C 470	Sequence 124997, A	Sequence 28019, App
c 398	8	US-10-027-632-929-3	C 471	Sequence 3, App1	Sequence 43, App1
c 399	8	US-10-027-632-929-3	C 472	Sequence 1, App1	Sequence 14125, A
c 400	8	US-10-133-907-3	C 473	Sequence 3, App1	Sequence 11, App1
c 402	8	US-10-156-765-343	C 474	Sequence 343, App	Sequence 2607, App
c 403	8	US-10-15-05-32	C 475	Sequence 929, App1	Sequence 544, App
c 404	8	US-10-264-0-9-929	C 476	Sequence 303, App	Sequence 26671, A
c 405	8	US-10-034-455-303	C 477	Sequence 447, App	Sequence 27, App1
c 406	8	US-10-25-0-62-725	C 478	Sequence 725, App	Sequence 2607, App
c 407	8	US-10-286-264-111	C 479	Sequence 111, App	Sequence 34262, A
c 408	8	US-10-374-780A-2395	C 480	Sequence 2395, App	Sequence 2329, App
c 409	8	US-09-832-844-82	C 481	Sequence 62, App1	Sequence 457, App
c 410	8	US-09-832-846-83	C 482	Sequence 63, App1	Sequence 1656, App
c 411	8	US-10-322-846-83	C 483	Sequence 83, App1	Sequence 8, App1
c 412	8	US-10-136-8-9-1	C 484	Sequence 2, App1	Sequence 5, App1
c 413	8	US-10-133-907-3	C 485	Sequence 10905, A	Sequence 5212, App
c 414	8	US-10-25-1-14-10905	C 486	Sequence 99, App1	Sequence 79, App1
c 415	8	US-09-513-0-9-99	C 487	Sequence 107, App	Sequence 1, App1
c 416	8	US-10-169-493-24255	C 488	Sequence 121, App	Sequence 6, App1
c 420	8	US-09-712-363-36	C 489	Sequence 2017, App	Sequence 7, App1
c 421	8	US-10-882-122A-28291	C 490	Sequence 126334, A	Sequence 8, App1
c 422	8	US-10-282-122A-40716	C 491	Sequence 13, App1	Sequence 5212, App
c 423	8	US-10-169-591-126934	C 492	Sequence 24255, A	Sequence 1, App1
c 424	8	US-10-169-493-24255	C 493	Sequence 36, App1	Sequence 6, App1
c 425	8	US-10-262-445-127	C 494	Sequence 28291, A	Sequence 6, App1
c 426	8	US-10-124-593-87287	C 495	Sequence 4076, A	Sequence 1226, App
c 427	8	US-10-282-122A-40716	C 496	Sequence 24138, A	Sequence 4, App1
c 428	8	US-10-169-593-24188	C 497	Sequence 21639, A	Sequence 63354, A
c 429	8	US-10-169-593-63354	C 498	Sequence 60845, A	Sequence 6, App1
c 430	8	US-10-424-593-60845	C 499	Sequence 327, App	Sequence 3, App1
c 431	8	US-10-369-593-297-3	C 500	Sequence 2093, A	Sequence 113, App
c 432	8	US-10-002-172-640	C 501	Sequence 173, App	Sequence 70, App1
c 433	8	US-10-017-161-2093	C 502	Sequence 192, App	Sequence 5, App1
c 434	8	US-10-292-798-1739	C 503	Sequence 3799, App	Sequence 337, App
c 435	8	US-10-880-107-3799	C 504	Sequence 1739, App	Sequence 337, App
c 436	8	US-10-001-056-337	C 505	Sequence 12, App1	Sequence 337, App
c 437	8	US-10-305-654-337	C 510	Sequence 12, App1	Sequence 337, App

c	657	7	US-09-908-975-30856	Sequence 30856, A	Sequence 24388, A
c	658	7	US-10-032-585-3196	Sequence 37936, AP	Sequence 29331, A
c	659	7	US-09-864-761-24218	Sequence 24218, A	Sequence 14330, A
c	660	7	US-09-864-761-25630	Sequence 25630, A	Sequence 29, APP1
c	661	7	US-09-909-373-303	Sequence 303, APP1	Sequence 29, APP1
c	662	7	US-10-195-752-34	Sequence 34, APP1	Sequence 24707, A
c	663	7	US-10-135-752-34	Sequence 1, APP1	Sequence 27022, A
c	664	7	US-09-864-761-25873	Sequence 25873, A	Sequence 805, APP1
c	665	7	US-08-781-982A-1624	Sequence 1624, AP	Sequence 28955, A
c	666	7	US-10-129-624-1624	Sequence 1624, AP	Sequence 13990, A
c	667	7	US-10-029-306-22401	Sequence 22401, A	Sequence 5759, AP
c	668	7	US-10-029-386-17340	Sequence 17340, A	Sequence 5759, AP
c	669	7	US-19-864-761-23042	Sequence 23042, A	Sequence 62, APP1
c	670	7	US-09-963-373-730	Sequence 30, APP1	Sequence 62, APP1
c	671	7	US-10-029-386-26504	Sequence 26504, A	Sequence 9, APP1
c	672	7	US-09-730-852-68	Sequence 1890, AP	Sequence 9, APP1
c	673	7	US-10-307-005-2597	Sequence 81, APP1	Sequence 23864, A
c	674	7	US-10-324-947-81	Sequence 82, APP1	Sequence 23864, A
c	675	7	US-10-324-947-82	Sequence 82, APP1	Sequence 29281, A
c	676	7	US-09-764-871-2666	Sequence 2666, AP	Sequence 35, APP1
c	677	7	US-10-242-515-2666	Sequence 2666, AP	Sequence 18976, A
c	678	7	US-10-029-316-14360	Sequence 14360, AP	Sequence 58594, A
c	679	7	US-09-730-852-68	Sequence 68, APP1	Sequence 58594, A
c	680	7	US-10-307-005-2598	Sequence 2598, AP	Sequence 92, APP1
c	681	7	US-10-324-947-82	Sequence 82, APP1	Sequence 92, APP1
c	682	7	US-09-764-871-2666	Sequence 2666, AP	Sequence 92, APP1
c	683	7	US-10-242-515-2666	Sequence 14360, AP	Sequence 92, APP1
c	684	7	US-10-029-316-14360	Sequence 14360, AP	Sequence 92, APP1
c	685	7	US-10-242-515-2666	Sequence 14360, AP	Sequence 92, APP1
c	686	7	US-10-307-005-2598	Sequence 2598, AP	Sequence 92, APP1
c	687	7	US-10-324-947-82	Sequence 82, APP1	Sequence 92, APP1
c	688	7	US-09-764-871-2666	Sequence 2666, AP	Sequence 92, APP1
c	689	7	US-10-242-515-2666	Sequence 14360, AP	Sequence 92, APP1
c	690	7	US-10-029-316-14360	Sequence 14360, AP	Sequence 92, APP1
c	691	7	US-09-864-761-22501	Sequence 22501, A	Sequence 92, APP1
c	692	7	US-09-783-590-6808	Sequence 6808, AP	Sequence 92, APP1
c	693	7	US-09-783-590-11612	Sequence 11612, A	Sequence 92, APP1
c	694	7	US-10-085-783A-17754	Sequence 17754, A	Sequence 92, APP1
c	695	7	US-10-242-532A-17754	Sequence 17754, A	Sequence 92, APP1
c	696	7	US-10-029-386-14193	Sequence 14193, A	Sequence 92, APP1
c	697	7	US-09-864-761-22501	Sequence 22501, A	Sequence 92, APP1
c	698	7	US-09-783-590-6808	Sequence 6808, AP	Sequence 92, APP1
c	699	7	US-09-783-590-11612	Sequence 11612, A	Sequence 92, APP1
c	700	7	US-10-085-783A-6215	Sequence 6215, AP	Sequence 92, APP1
c	701	7	US-10-242-532A-6215	Sequence 6215, AP	Sequence 92, APP1
c	702	7	US-10-029-386-14166	Sequence 14166, A	Sequence 92, APP1
c	703	7	US-09-864-761-18450	Sequence 18450, A	Sequence 92, APP1
c	704	7	US-10-085-783A-4537	Sequence 4537, AP	Sequence 92, APP1
c	705	7	US-10-242-532A-4537	Sequence 4537, AP	Sequence 92, APP1
c	706	7	US-10-091-504-1904	Sequence 1904, AP	Sequence 92, APP1
c	707	7	US-10-091-504-1904	Sequence 1905, AP	Sequence 92, APP1
c	708	7	US-10-227-577-1904	Sequence 1904, AP	Sequence 92, APP1
c	709	7	US-10-227-577-1905	Sequence 1905, AP	Sequence 92, APP1
c	710	7	US-10-424-559-27853	Sequence 27853, A	Sequence 92, APP1
c	711	7	US-09-864-761-20014	Sequence 20014, A	Sequence 92, APP1
c	712	7	US-09-864-761-00402	Sequence 20042, A	Sequence 92, APP1
c	713	7	US-09-922-217-572	Sequence 572, APP1	Sequence 92, APP1
c	714	7	US-09-833-263-572	Sequence 572, APP1	Sequence 92, APP1
c	715	7	US-10-029-380-572	Sequence 21717, A	Sequence 92, APP1
c	716	7	US-09-864-761-21717	Sequence 21717, A	Sequence 92, APP1
c	717	7	US-09-864-761-29856	Sequence 29856, A	Sequence 92, APP1
c	718	7	US-09-864-761-21667	Sequence 21967, A	Sequence 92, APP1
c	719	7	US-10-085-783A-25763	Sequence 25763, A	Sequence 92, APP1
c	720	7	US-10-242-5335A-25763	Sequence 25763, A	Sequence 92, APP1
c	721	7	US-10-029-383A-6206	Sequence 6206, AP	Sequence 92, APP1
c	722	7	US-10-242-535A-6206	Sequence 6206, AP	Sequence 92, APP1
c	723	7	US-10-029-384A-6206	Sequence 6206, AP	Sequence 92, APP1
c	724	7	US-09-864-408A-8367	Sequence 8367, AP	Sequence 92, APP1
c	725	7	US-09-755-852A-268	Sequence 268, APP1	Sequence 92, APP1
c	726	7	US-10-066-543-964	Sequence 16, APP1	Sequence 92, APP1
c	727	7	US-10-066-543-964	Sequence 16, APP1	Sequence 92, APP1
c	728	7	US-10-027-632-283353	Sequence 41900, A	Sequence 92, APP1
c	729	7	US-10-027-632-283353	Sequence 41900, A	Sequence 92, APP1

803	7	US-09-814-1553-14524	Sequence 14524, A	Sequence 12, App1
804	7	US-09-910-009A-19	Sequence 19, App1	Sequence 66957, A
805	7	US-10-066-943-1100	Sequence 1100, App	Sequence 25160, A
c 806	7	US-10-064-761-22007	Sequence 9371, A	Sequence 116338,
c 807	7	US-09-954-456-202	Sequence 22007, A	Sequence 804, App
808	7	US-09-954-761-22007	Sequence 202, App	Sequence 742, App
809	7	US-09-980-10-1833	Sequence 1823, App	Sequence 804, App
810	7	US-09-918-995-32375	Sequence 32275, A	Sequence 804, App
811	7	US-09-984-761-28392	Sequence 28392, A	Sequence 278, App
812	7	US-10-106-698-938	Sequence 938, App	Sequence 742, App
813	7	US-09-764-889-16667	Sequence 1667, App	Sequence 18684, A
814	7	US-10-091-004-16667	Sequence 1667, App	Sequence 22608, A
815	7	US-10-091-577-1667	Sequence 1667, App	Sequence 2147, A
816	7	US-09-064-761-20500	Sequence 20500, A	Sequence 110918,
817	7	US-09-964-308A-133	Sequence 133, App	Sequence 5788, Ap
c 818	7	US-10-029-386-17720	Sequence 17720, A	Sequence 149, App
c 819	7	US-09-864-761-22559	Sequence 22859, A	Sequence 149, App
c 820	7	US-10-085-783A-43239	Sequence 43239, A	Sequence 149, App
c 821	7	US-10-085-783A-5970	Sequence 58720, A	Sequence 22608, A
c 822	7	US-10-242-335A-32339	Sequence 43339, A	Sequence 149, App
c 823	7	US-10-242-535A-58720	Sequence 58720, A	Sequence 149, App
c 824	7	US-09-967-701-20	Sequence 20, App1	Sequence 149, App
c 825	7	US-09-864-761-20881	Sequence 20881, A	Sequence 149, App
c 826	7	US-09-53-559-1899	Sequence 1899, A	Sequence 2436, Ap
c 827	7	US-10-424-599-818	Sequence 818, App	Sequence 149, App
c 828	7	US-09-360-352-3815	Sequence 3815, App	Sequence 12262, A
c 829	7	US-09-864-408A-325	Sequence 925, App	Sequence 5788, Ap
c 830	7	US-10-024-535A-38160	Sequence 38160, A	Sequence 149, App
c 831	7	US-10-242-535A-28360	Sequence 38360, A	Sequence 18141, A
c 832	7	US-09-53-381-558	Sequence 558, App	Sequence 5104, Ap
c 833	7	US-09-733-876-302	Sequence 6137, Ap	Sequence 5704, Ap
c 834	7	US-09-736-632-6137	Sequence 838, App	Sequence 2095, A
c 835	7	US-10-424-599-66971	Sequence 66971, A	Sequence 12262, A
c 836	7	US-10-040-862-6137	Sequence 6137, A	Sequence 12262, A
c 837	7	US-10-057-775B-6137	Sequence 6117, Ap	Sequence 18141, A
c 838	7	US-10-154-884B-6137	Sequence 6137, Ap	Sequence 22877, A
c 839	7	US-09-933-876-302	Sequence 3032, Ap	Sequence 5704, Ap
c 840	7	US-09-23-876-5010	Sequence 5010, Ap	Sequence 2436, Ap
c 841	7	US-09-664-878-337	Sequence 337, App	Sequence 12262, A
c 842	7	US-09-880-107-541	Sequence 541, App	Sequence 12262, A
c 843	7	US-09-923-776-3832	Sequence 3012, Ap	Sequence 12262, A
c 844	7	US-10-043-884B-6137	Sequence 5050, Ap	Sequence 12262, A
c 845	7	US-10-046-277-366	Sequence 3032, Ap	Sequence 12262, A
c 846	7	US-10-079-554-337	Sequence 337, App	Sequence 12262, A
c 847	7	US-09-360-312-1687	Sequence 1687, Ap	Sequence 12262, A
c 848	7	US-10-424-599-45884	Sequence 45884, A	Sequence 12262, A
c 849	7	US-09-967-701-1011	Sequence 1011, A	Sequence 12262, A
c 850	7	US-10-143-561-1011	Sequence 19, App1	Sequence 12262, A
c 851	7	US-10-046-277-366	Sequence 46660, A	Sequence 12262, A
c 852	7	US-10-242-335A-46660	Sequence 46660, A	Sequence 12262, A
c 853	7	US-10-477-726-11	Sequence 11, App1	Sequence 12262, A
c 854	7	US-09-664-761-19524	Sequence 19524, A	Sequence 12262, A
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268	7	US-10-027-632-66957	Sequence 66957, A	Sequence 22970, A

SILENT INSTRUMENTS

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 Sequence 31, Application US/10411224
 Publication No. US030166906A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et al.
 TITLE OF INVENTION: 50 Human Secreted Proteins
 FILE REFERENCE: P2016P1
 CURRENT APPLICATION NUMBER: US/10/411,224
 CURRENT FILING DATE: 2003-04-11
 PRIOR APPLICATION NUMBER: US/09/722,329
 PRIOR FILING DATE: 2000-11-28
 PRIOR APPLICATION NUMBER: 09/262,109
 PRIOR FILING DATE: 1999-03-04
 PRIOR APPLICATION NUMBER: 60/057,626
 PRIOR FILING DATE: 1997-09-05
 PRIOR APPLICATION NUMBER: 60/057,663
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RESULT 5
 US-09-978-295A-210
 Sequence 210 Application US/09978295A
 Patent No. US20156006A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth J.
 APPLICANT: Kliaviv, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Thomas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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 ; FILE REFERENCE: P4630P1C11
 ; CURRENT APPLICATION NUMBER: US/09/978-295A
 ; CURRENT FILING DATE: 2001-10-15
 ; PRIOR APPLICATION NUMBER: US/918585
 ; PRIOR FILING DATE: 2001-07-30
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; PRIOR APPLICATION NUMBER: 60/085697

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RESULT 6

US-19-978-697-210
 Sequence 210, Application US/09978697
 Patent No. US20020162284A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Borstein, David
 APPLICANT: DeNooyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Eileen
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 APPLICANT: Stewart, Timothy A.
 APPLICANT: Thomas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William T.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2330P1C22
 CURRENT FILING DATE: 2001-10-16
 PRIOR APPLICATION NUMBER: 09/1918595
 PRIOR FILING DATE: 2001-10-17
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 / ; PRIOR APPLICATION NUMBER: 60/081203
 / ; PRIOR FILING DATE: 1998-04-09
 / ; PRIOR APPLICATION NUMBER: 60/081229
 / ; PRIOR FILING DATE: 1998-04-09
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 / ; PRIOR FILING DATE: 1998-04-15
 / ; PRIOR APPLICATION NUMBER: 60/081952
 / ; PRIOR FILING DATE: 1998-04-15

PRIOR APPLICATION NUMBER: 60/081838
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PRIOR APPLICATION NUMBER: 60/083742
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PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579

RESULT 7
US-03-978-192A-210
Sequence 210, Application US/09978192A
Patient No. US2003017755A1
GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Hsiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillian, Kenneth J.
; APPLICANT: Kliavkin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paonil, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Sheldon, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William J.
TITLE OF INVENTION: Secrated and Tran
TITLE OF INVENTION: Acids Encoding t
FILE REFERENCE: P2630PC19
CURRENT APPLICATION NUMBER: US/09/978
CURRENT FILING DATE: 2001-10-15
; PRIORITY NUMBER: 09/918585
; PRIORITY FILING DATE: 2001-07-30
; PRIORITY APPLICATION NUMBER: 60/062250
; PRIORITY FILING DATE: 1997-10-17
; PRIORITY APPLICATION NUMBER: 60/062449
; PRIORITY FILING DATE: 1997-11-03
; PRIORITY APPLICATION NUMBER: 60/065311
; PRIORITY FILING DATE: 1997-11-13
; PRIORITY APPLICATION NUMBER: 60/066364
; PRIORITY FILING DATE: 1997-11-21
; PRIORITY APPLICATION NUMBER: 60/077450
; PRIORITY FILING DATE: 1998-03-10
; PRIORITY APPLICATION NUMBER: 60/077632
; PRIORITY FILING DATE: 1998-03-11
; PRIORITY APPLICATION NUMBER: 60/077641
; PRIORITY FILING DATE: 1998-03-11
; PRIORITY APPLICATION NUMBER: 60/077649
; PRIORITY FILING DATE: 1998-03-11
; PRIORITY APPLICATION NUMBER: 60/077791
; PRIORITY FILING DATE: 1998-03-12
; PRIORITY APPLICATION NUMBER: 60/078004
; PRIORITY FILING DATE: 1998-03-13
; PRIORITY APPLICATION NUMBER: 60/078910
; PRIORITY FILING DATE: 1998-03-20
; PRIORITY APPLICATION NUMBER: 60/078939
; PRIORITY FILING DATE: 1998-03-20
; PRIORITY APPLICATION NUMBER: 60/079294
; PRIORITY FILING DATE: 1998-03-25
; PRIORITY APPLICATION NUMBER: 60/079655
; PRIORITY FILING DATE: 1998-03-26

APPLICANT: Rijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Fan, James J.
APPLICANT: Faoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel E.
APPLICANT: Williams, B. Mickey
APPLICANT: Wood, William J.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: P2630P1C63

CURRENT APPLICATION NUMBER: US/09/999,832A

CURRENT FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077150

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

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PRIOR FILING DATE: 1998-03-11

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PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

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PRIOR APPLICATION NUMBER: 60/077886

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PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078939

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/079294

PRIOR FILING DATE: 1998-03-25

PRIOR APPLICATION NUMBER: 60/079656

PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: 60/079664

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PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080194

PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080327

Qy 243 InLeuGluAsnValThrLeuAsnProAspProAlaGluGlyProLySProArgProA 263
 Db 719 AGCTGAAATGTGACACTGTGAACTGGCTGACCCGATCTGCAGGGCCCAAGCCTAGACCGG 778

Qy 263 Iavaltripleu 266
 Db 779 CGGTGCGTC 789

RESULT 12
 US-09-978-191A-210 ; Sequence 210, Application US/0978191A
 ; GENERAL INFORMATION:
 ; APPLICATION: Asikanazi, Avi
 ; APPLICATION: Baker, Kevin P.
 ; APPLICATION: Boeslein, David
 ; APPLICATION: Denoyers, Luc
 ; APPLICATION: Eaton, Dan
 ; APPLICATION: Ferrara, Napoleon
 ; APPLICATION: Flivaroff, Ellen
 ; APPLICATION: Fong, Sherman
 ; APPLICATION: Gao, Wei-Qiang
 ; APPLICATION: Gerber, Hanspeter
 ; APPLICATION: Gerritsen, Mary E.
 ; APPLICATION: Goddard, Audrey
 ; APPLICATION: Goodski, Paul J.
 ; APPLICATION: Grimaldi, J. Christopher
 ; APPLICATION: Guiney, Austin L.
 ; APPLICATION: Hillian, Kenneth J.
 ; APPLICATION: Kjavin, Ivor J.
 ; APPLICATION: Kuo, Sophia S.
 ; APPLICATION: Narier, Mary A.
 ; APPLICATION: Pan, James
 ; APPLICATION: Paoni, Nicholas F.
 ; APPLICATION: Roy, Margaret Ann
 ; APPLICATION: Sheltton, David L.
 ; APPLICATION: Stewart, Timothy A.
 ; APPLICATION: Tumas, Daniel
 ; APPLICATION: Willcox, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2330P1C4
 ; CURRENT APPLICATION NUMBER: US/09/978,191A
 ; CURRENT FILING DATE: 2001-10-15
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 ; PRIOR FILING DATE: 1997-11-0-17
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 ; PRIOR APPLICATION NUMBER: 60/078910

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PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085694

US-10-047-021-86 (1-303) x US-09-978-191A-210 (1-3716)	QY	4 GlyGlyAspSerLeuLeuGlyGlyArgGlySerLeuProle
	Db	1 GAGGAGACGGCTCTGGGGAGGGTTCCCTAGTC
	QY	24 GlyGlyMetAlaGlnAspSerProProGluLileLeuValHi
	Db	61 GAGGAGATGGCTAGGACTCCGCCAGAGCTAGTC
	QY	44 GlnglyProGlyProAlaArgMetSerCysArg-AlaSerC
	Db	121 CAGGCCCTGGCCTGGCAAGGATGAGTGCCTAGTC
	QY	63 eArgTrpLeuLeuAsnGlyGlyProLeuSerMetValProP
	Db	180 CGGTGCGTGTGAACTGGCACCCCCTGAGCATGTC
	QY	83 uProAspGlyThrLeuLeuLeuGlyAlaValTrpProTrpAlaG
	Db	240 GCTGTATGGACCCTTCCTGCTGCTGAGCTGCGCCCTGTC
	QY	103 nAlaLeuSerThrAspLeuGlyAlaValTrpThrCysGluAla
	Db	300 GGCGCTGTCAAGCACCTGGCTGTCAGCATGTC
	QY	123 aValSerArgGlyAlaArgLeuSerValAlaValLeuArg
	Db	360 AGTAGCAGAGCCCTCTGCTGCTGCGCTGTC
	QY	143 oArgAspMetValAlaValAlaGlyGluGlnPheThrLeu
	Db	420 TCGGACATGTCGCTGCTGCTGCTGCTGCTGCTGCTG
	QY	163 YHisProGluProTrpThrValSerTrpTrpLysAspGlyLys
	Db	480 CCACCTGAGGCCAACAGTCATGGTGAAAGATGGAAA
	QY	183 YarginHisthreonineGlySerLeuLeuMetAlaArg
	Db	540 AAGGCACACAGTCGGGGGCCCTCTGATGGCAAGAA
	QY	203 * -ThirtyMetCysValAlaThrAsnSerAlaGlyHisSer
	Db	-GACTTACATGTTGTTGGCCACCAACCGAGGACATAG
	QY	223 alSerLeuGlnGluProGlnAspTrpThrGluProValG
	Db	659 TTTCATCGGGACCCAGACTACGGAGCTGTGTA
	QY	243 lnLeuGluAsnValThrLeuLeuAsnProAspProAlaGlu
	Db	719 AGCTGCAAATGTCGACACTGCTGAACCCGGATCTCGCAAA
	QY	263 lavalTriplex 266
	Db	779 CGGTCTGGCTC 789

/ APPLICANT: Gerber, Hanspeter
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Andrej
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, J. Christopher
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillian, Kenneth J.
 / APPLICANT: Klijavin, Ivar J.
 / APPLICANT: Kuo, Sophia S.
 / APPLICANT: Napier, Mary A.
 / APPLICANT: Pan, James;
 / APPLICANT: Paoni, Nicholas F.
 / APPLICANT: Roy, Margaret Ann
 / APPLICANT: Shewell, David L.
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tumas, Daniel
 / APPLICANT: Williams, P. Mickey
 / APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
 FILE REFERENCE: P2630P1C17
 CURRENT FILING DATE: US/09/978,403A
 CURRENT FILING DATE: 2002-03-19
 PRIOR APPLICATION NUMBER: 09/918555
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
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 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
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PRIOR FILING DATE: 1998-04-30
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 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:
 Pred. No.: 4 GlyGlyAspSerLeuLeuGlyArgGlySerIleProLeuLeuLeuMet 23
 Score: 1.37e-131 Length: 3716
 Percent Similarity: 148.00 Matches: 261
 Best Local Similarity: 98.49% Conservative: 0
 Query Match: 48.84% Mismatches: 2
 DB: 10 Indels: 4
 DB: 0 Gaps: 0

US-10-047-021-86 (1-303) x US-09-978-403A-210 (1-3716)

Qy 4 GlyGlyAspSerLeuLeuGlyArgGlySerIleProLeuLeuLeuMet 23
 Db 1 GGAGGAGACAGCCTCTGGGGCGACGGTCCCTGCCTCATCAG 60
 Qy 24 GlyGlyMetAlaGlnAspSer-ProProGlnIleLeuValHisProGlnAspGlnLeuPhe 43
 Db 61 GGAGGATGGTCAGGACTCCCCGCCCAAGTCCTAGCCCCAGACCAGTC 120
 Qy 44 GluGlyProAlaArgMetSerCysArg-AlaSerIleGlyInProProProThr 63
 Db 121 CAGGGCCCTGGCCCTGCAAGATGACTGCCA-AGCCTAGGCCAGGCACTCCACCAT 179
 Qy 63 eArgTrpLeuLeuAsnGlyGinProLeuSerMetValProProAspProHisIleLeu 83
 Db 180 CGGTGCTGTGGAATGGAACTGGCCAGCAACCACCTCT 239
 Qy 83 uProAspGlyLysIleLeuLeuIleGlyInProProAlaArgGlyHisAlaHIsAspGlyY31 103
 Db 240 GCCTGATGGGACCCCTTGCTGCTAACGGCCCTGCCCCATGCCAGTC 299

103 nAlaLeuSerThrApLeuIvaValYrrThrCysGluAlaSerIleAsnGlyGlyThrAl 123
 300 GCCCGTCCAGCCTGGGTGTCATGAGGGCAGCACGGCTTGCA CGGC 359

123 aValSerArgGlyAlaArgLeuSerValAlaValIleArgGlyProProPheGlnIleGlnPr 143
 360 AGTCACAGGCGCTGGCTGGTGTGTTGCTCCGGAGATTTCAGATCCGCC 419

143 oArgAspMetValAlaValIleArgGlyGluGlyGlnPheThrLeuGlyGlyProProPheGly 163
 420 TCGGGCATGCTGGCTGTCATGCTGAGTTCAGTGGGCTGGCTGGGG 479

163 YHisProGluIleProThrValValIleArgGlyGluGlyProLeuAlaLeuGlnProGly 183
 480 CCACCCAGAGGCCACGTCTCATGGAAAGATGGAAACCCCTGGCCCTCAGGCCGG 539

183 YArgHisIleThrValSerGlyGlySerIleLeuMetAlaArgAlaGluIleSerAspGlu** 203
 540 AGGGCACACAGCTGTCGGGGCTCTGTGATGGCCAGGAGAGTGAGAAGGG 599

203 *-ThrTyrmEcysValAlaThrAsnSerAlaGlyIleSArgGluIleArgAlaArgV 223
 600 -GACCTACATGTTGTCAGGAGCAAGCCAGGAGCATGGAGGAGCCGGAGCGGG 658

223 alSerIleGlyGluProGlnAspTyThrGluProValGluLeuLeuAlaValArgIleG 243
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 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Gimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillian, Kenneth J.
 ; APPLICANT: Kijavir, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Pacini, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumans, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630P1C25
 ; CURRENT APPLICATION NUMBER: US/09/978 ,564A
 ; CURRENT FILING DATE: 2001-10-16

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